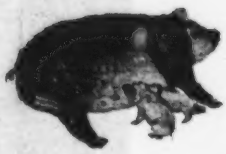
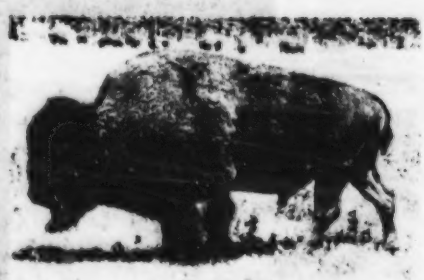
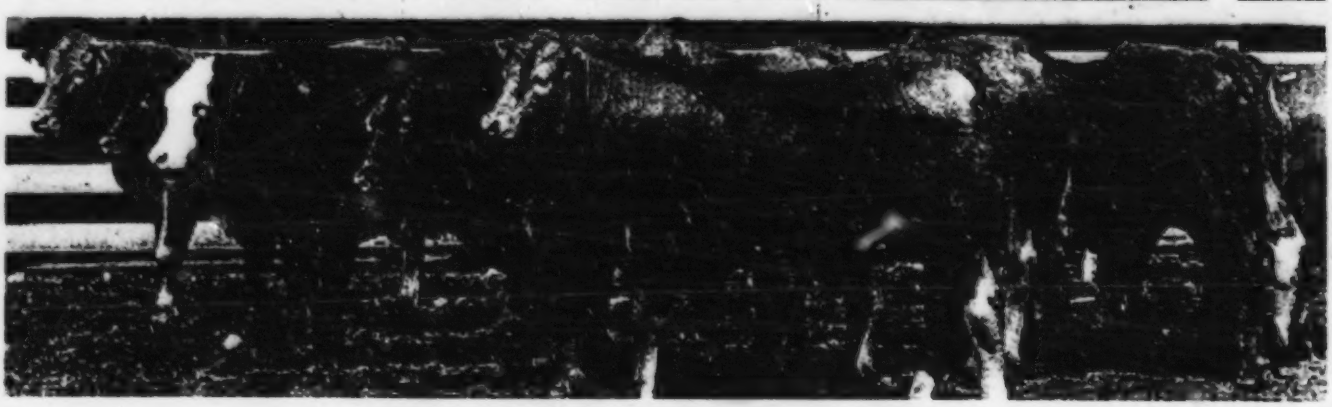
Manitoba
Agriculture
and Food

Program & Policy Analysis

2001 Manitoba Livestock Industry Profiles







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June, 2002

SOURCES AND DEFINITIONS

Sources:

Agriculture and Agri-Food Canada
Ayerst Organics Ltd.
Canadian Co-operative Wool Growers Ltd.
Canadian Food Inspection Agency
CANFAX
Ian Thorleifson
Manitoba Agriculture and Food
Manitoba Auction Markets
Manitoba Bureau of Statistics
Manitoba Milk Producers
Manitoba sheep and goat producers
Statistics Canada (for updated livestock data: http://www.statcan.ca)

Definitions:

Marketings = Inspected slaughter of Manitoba-origin livestock in Manitoba + exports of livestock to other provinces and countries - imports of livestock from other provinces and countries + livestock custom-killed on Manitoba farms.

Production = Slaughter of Manitoba-origin livestock in Manitoba + exports of livestock to other provinces and countries - imports of livestock from other provinces and countries + livestock custom-killed on Manitoba farms +/- change in on-farm livestock inventory from January 1 - January 1.

Farm Cash Receipts = Marketings in calendar year x average farm gate price (quoted commodity price less any levies as defined by Statistics Canada) + direct program payments.

Value of Production - Livestock production as defined above x average quoted commodity price (levies are not deducted as they are assumed to be an expense or a cost of doing business, such as broker's fees, auction market fees, cost of transportation to market, etc.).

Exports - The data may exclude Manitoba product marketed through companies in other provinces and subsequently exported or may include product from other provinces exported by Manitoba companies e.g. pork shipped from Manitoba plants to plants in Ontario and Quebec for further processing and export.

Imports - The data may exclude imported product sold in Manitoba by companies from other provinces e.g. New Zealand lamb imported by a national company with its head office in Calgary, but sold to Manitoba consumers, may be included with Alberta imports.

CATTLE AND BEEF SECTOR

CATTLE AND BEEF SECTOR PROFILE

Production:

Manitoba has Canada's third largest beef cow herd, after Alberta and Saskatchewan, with 12 percent of the nation's beef cows and 1.5 percent of total North American beef cows in 2001. Beef cow numbers in Manitoba increased fairly steadily at an average annual rate of about two percent from 1987 until 1992. Cow numbers then rose by an annual average rate of almost six percent to 1997. According to Statistics Canada, Manitoba's beef cow herd declined by one percent in both 1998 and 1999, remained steady in 2000, but increased in 2001. In 2001, Manitoba's 10,500 beef cattle producers marketed more than 505,000 head for slaughter or sale out of the province. Net marketings were up by 30,000 head from the 2000 level, mainly due to more animals being kept on farms for further feeding and sale in early 2001. The value of 495,000 cattle produced in 2001 (including a decrease in inventory of 10,000 head) was close to $525 million, about one-seventh of the total value of agricultural production in the province. About 98 percent of commercial beef cattle operations were cow-calf with many producers retaining and/or buying calves for further feeding to be sold as "stockers", "short-keeps" or for slaughter. The remaining 2 percent of commercial operations were feedlots, the largest of which had a capacity of 6,500 head. The beef cattle industry used about $190 million of feed in 2001.

Marketings:

As Manitoba's cattle slaughter industry has declined from a peak of 581,000 head in 1976 to 15,950 head in 2001, most of the beef cattle produced in Manitoba are sold out of the province. In 2001, about 202,200 slaughter cattle and 12,800 feeder cattle, valued at $255.6 million, were exported from Manitoba ports of exit to the United States, while almost 31,000 slaughter cattle and an estimated 321,000 feeder cattle and calves were sold mainly to Alberta and Ontario. Close to 13,900 slaughter cattle and 64,500 feeder cattle were brought into Manitoba from Saskatchewan in 2001, many of which were subsequently exported.

Beef Processing and Trade:

Two small federally-inspected plants slaughtered about 6,525 cattle in 2001, while 9,425 head were killed in 25 provincially-inspected plants in Manitoba. Beef production was estimated at 12.2 million lb. (carcass weight) valued at $21 million. Beef and beef products valued at $5.3 million were exported in 2001 with most of the exports going to the United States. Smaller quantities of beef were shipped to Japan, Taiwan, Mexico, Chile and China. Much of the beef consumed in Manitoba comes from Alberta or the United States. Almost 2,900 feeder cattle were imported into Manitoba from the U.S. in 2001, while beef valued at $12.7 million and raw hides valued at $9.4 million were imported from the U.S. and other countries in 2001.

Potential:

Manitoba has the potential to significantly increase the number of cattle fed to slaughter weight in the province. Less than one third of the calves produced are fed to slaughter weight, the remainder being sold as calves, as stockers or as heavy feeders.

CATTLE AND BEEF SECTOR

	1998	1999	2000[P]	2001[P]	'01 as a % of '00
NO. OF BEEF CATTLE FARMS:	11,290	10,920	10,295	10,500	102
(farms, 51+% of income from beef cattle):	6,815	7,380	7,755	7,232	93
EST. BEEF CATTLE ON FARMS ('000):	July 1*	July 1*	July 1*	July 1*	
Bulls	24.1	25.2	25.8	26.8	104
Beef Cows	560.0	554.0	554.0	563.3	102
% of Canada	12.2	12.2	12.4	11.7	
Beef Replacement Heifers	85.0	81.0	82.0	85.4	104
Beef Slaughter Heifers	85.7	61.8	60.8	63.3	104
Steers	95.4	87.8	84.1	101.2	120
Calves under one year	500.6	497.8	501.3	500.0	100
Beef Cattle	1,350.8	1,307.6	1,308.0	1,340.0	102
% of Canada	10.9	10.7	10.8	10.6	
*subject to intercensal revision					
CATTLE/CALF PRODUCTION ('000):	479	521	535	495	93
% of Canada	10.3	11.3	11.5	10.3	
AVERAGE CATTLE PRICES ($/cwt):					
Grade A Steers	82.63	86.78	95.28	103.45	109
D1,2 Cows	53.30	56.40	61.55	66.43	108
Feeder Steers (800-900lb.)	99.42	104.84	118.87	125.07	105
Steer Calves (500-600lb.)	116.84	126.48	147.74	154.23	104
VALUE OF CATTLE PROD ($ million):	415	444	500	525	105
CATTLE CASH RECEIPTS ($ million):	454.1	462.0	485.7	608.3	125
% of Canada	7.9	7.4	7.1	7.8	
CATTLE SLAUGHTER:					
Inspected slaughter in Manitoba	20,384	19,608	17,316	15,948	92
% of Canada	0.6	0.5	0.5	0.4	
Mb-origin Slaughter in Canada	39,550	39,700	39,400	46,800	119
% of Canada	1.1	1.0	1.0	1.3	
BEEF PRODUCTION (million lb. dress)	14.2	14.1	13.2	12.2	92
($ million estimate):	19	21	22	21	95
EXPORTS:					
Cattle ($ million)	236.2	173.5	185.6	255.6	138
Cattle ('000 head)	242.8	169.5	165.2	215.1	130
Beef/Beef Products ($ million)	5.2	6.5	6.9	5.3	77
Cattle Hides ($ million)	0.5	0.5	0.6	0.4	70
IMPORTS:					
Cattle ($ million)	0.6	0.8	2.9	2.6	90
Cattle ('000 head)	0.4	0.5	3.4	2.9	85
Beef/Beef Products ($ million)	13.4	12.3	9.6	12.7	132
Cattle Hides ($ million)	16.7	17.0	19.5	9.4	48
CDN. PER CAPITA DISAPPEARANCE:					
Beef and veal (carcass weight (kg))	33.2	33.9	32.6	31.9	98

BEEF CATTLE INDUSTRY CHART, 2001

ANNUAL FEED REQUIRED:
$190 MILLION

11,333 FARMS WITH BEEF/DAIRY CATTLE
3,000 PART/ FULL-TIME HIRED LABOUR
1,424,430 CATTLE ON FARMS MAY15/01

OTHER ANNUAL CAPITAL & OPERATING EXPENDITURE:
$343 MILLION

IMPORTS OF BREEDING STOCK: N/A

HERDS WITH MILK COWS:

FARMS:	853
MILK COWS:	42,400
HEIFERS:	20,200

INTERPROVINCIAL MOVEMENT OF BREEDING STOCK

BEEF HERDS

FARMS:	10,500
COWS:	563,300
HEIFERS:	85,400

IMPORTS OF BREEDING STOCK 9

EXPORTS OF BREEDING STOCK: N/A

EXPORTS OF BREEDING STOCK: 73

FEEDER CALVES

COMMERCIAL MARKETINGS OF SLAUGHTER OR FEEDER CATTLE

CATTLE SOLD TO MANITOBA PRODUCERS:
*85,000 HEAD [E]

FED/PROV. INSPECTED SLAUGHTER PLANTS:
15,950 HEAD
12.2 MILLION LB (DRESS.)
$21 MILLION VALUE

SLAUGHTER CATTLE:
IMPORTS: 0
INTERPROVINCIAL IN: 0

CATTLE SALES

	AUCTION	TERMINAL
FEEDER	* 418,000	
SLAUGHTER	95,000	154,000
TOTAL	* 513,000	154,000

FEEDER IMPORTS: 2,900
INTERPROVINCIAL IN:
FEEDER: 64,500
SLAUGHTER: 13,900

FRESH & PROCESS. BEEF
60.5 MILLION LB (RETAIL)

FRESH & PROC. BEEF
IMPORTS: 5.5 MILLION LB
PROV. IN: 46 MILLION LB

CATTLE FOR SLAUGHTER:
EXPORTS: 202,000
INTERPROVINCIAL OUT: 31,000

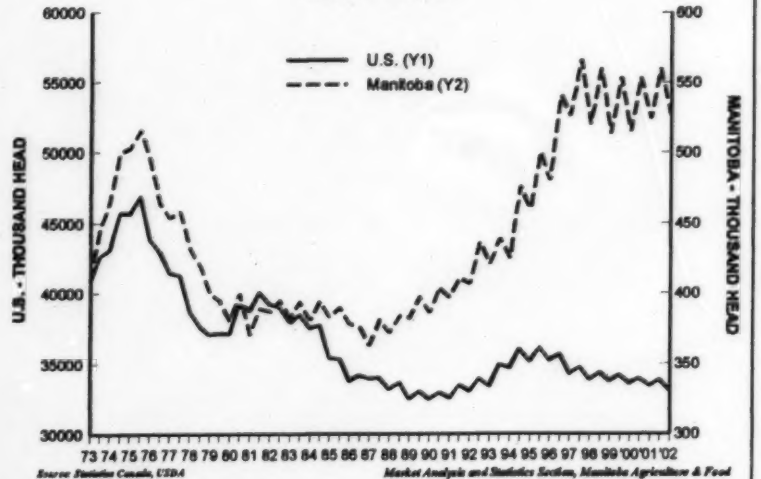
OTHER CATTLE:
EXPORTS: 12,800
INTERPROVINCIAL OUT:
WEST: 260,000[E]
EAST: 60,700

MANITOBA MARKET:
FRESH & PROCESSED
59 MILLION LB

FRESH & PROCESSED BEEF
EXPORTS : 1.5 MILLION LB

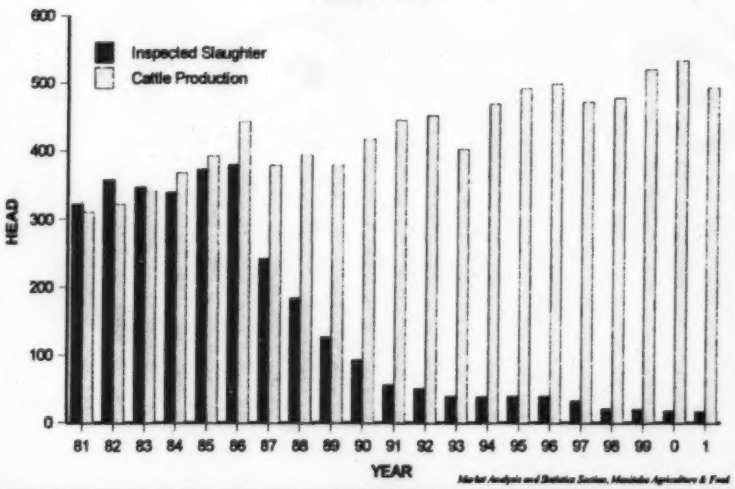
DATA SOURCE: Manitoba Agriculture & Food, Statistics Canada, Agriculture & Agri-Food Canada, Manitoba Auction Markets.
[E] Estimated * Some cattle may have been sold more than once.

MANITOBA AND U.S. BEEF COW INVENTORY
1973 - 2002



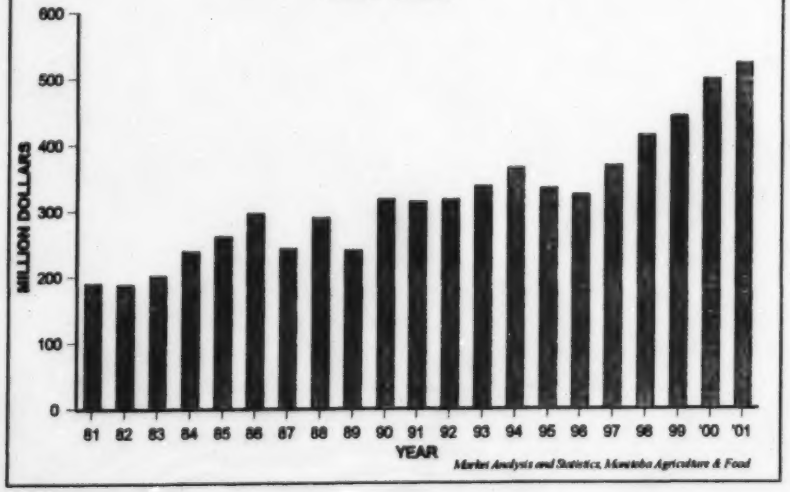
Source: Statistics Canada, USDA — *Market Analysis and Statistics Section, Manitoba Agriculture & Food*

CATTLE PRODUCTION AND SLAUGHTER, MANITOBA
1981 - 2001



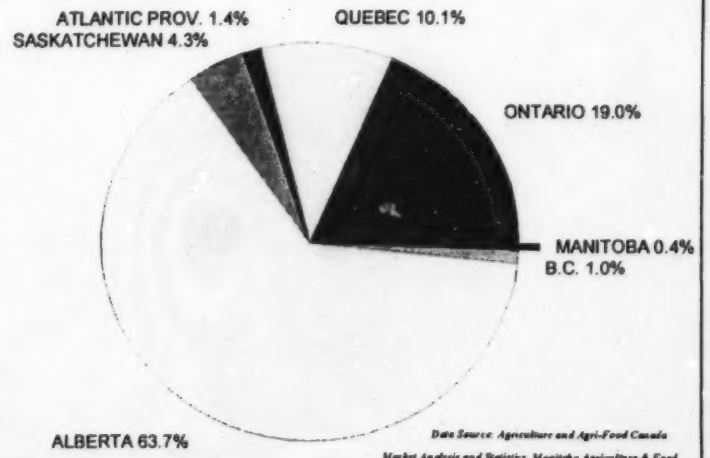
Market Analysis and Statistics Section, Manitoba Agriculture & Food

VALUE OF CATTLE PRODUCTION
1981- 2001

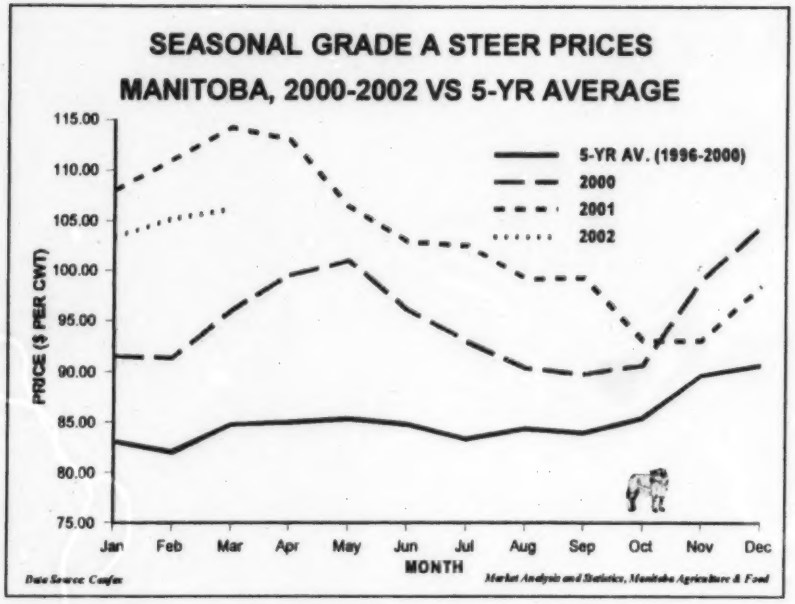


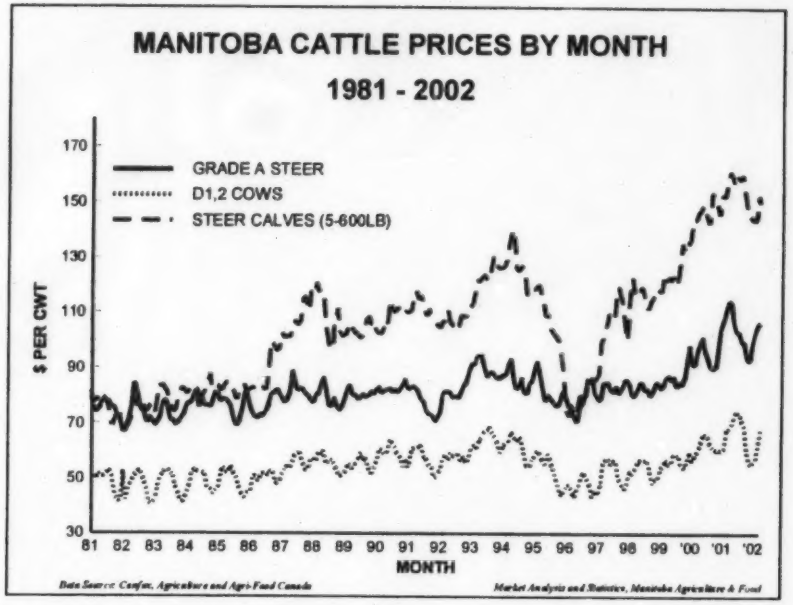
Market Analysis and Statistics, Manitoba Agriculture & Food

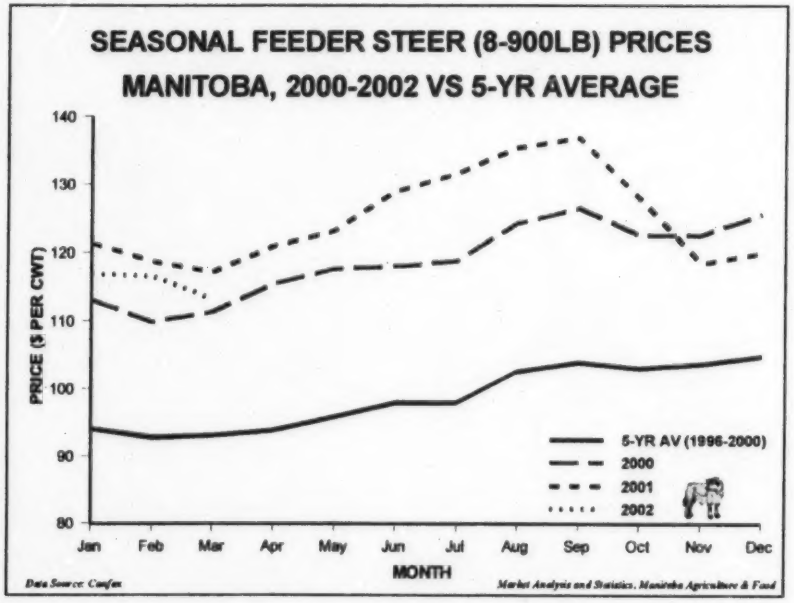
CATTLE/CALF SLAUGHTER BY PROVINCE
2001

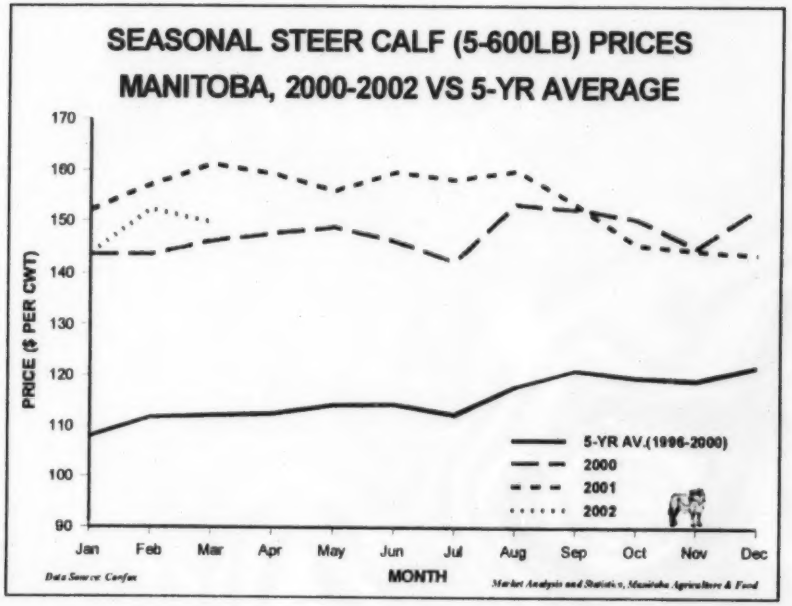


Data Source: Agriculture and Agri-Food Canada
Market Analysis and Statistics, Manitoba Agriculture & Food

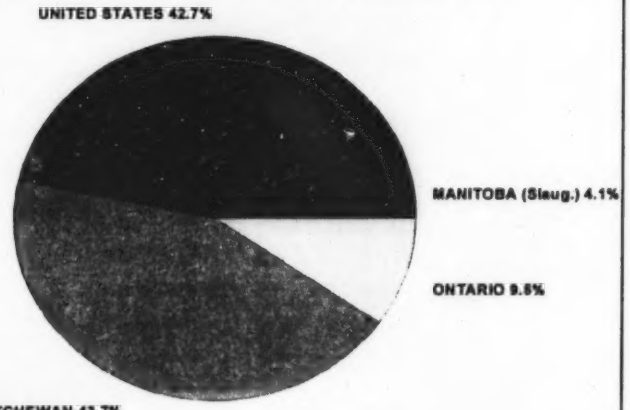

SEASONAL GRADE A STEER PRICES
MANITOBA, 2000-2002 VS 5-YR AVERAGE
PRICE ($ PER CWT)
115.00
110.00
105.00
100.00
95.00
90.00
85.00
80.00
75.00
5-YR AV. (1996-2000)
2000
2001
2002
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
MONTH
Data Source: Canfax
Market Analysis and Statistics, Manitoba Agriculture & Food


MANITOBA CATTLE PRICES BY MONTH
1981 - 2002
$ PER CWT
170
150
130
110
90
70
50
30
GRADE A STEER
D1,2 COWS
STEER CALVES (5-600LB)
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 '00 '01 '02
MONTH
Data Source: Canfax, Agriculture and Agri-Food Canada
Market Analysis and Statistics, Manitoba Agriculture & Food


SEASONAL FEEDER STEER (8-900LB) PRICES
MANITOBA, 2000-2002 VS 5-YR AVERAGE
PRICE ($ PER CWT)
140
130
120
110
100
90
80
5-YR AV (1996-2000)
2000
2001
2002
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
MONTH
Data Source: Canfax
Market Analysis and Statistics, Manitoba Agriculture & Food


SEASONAL STEER CALF (5-600LB) PRICES
MANITOBA, 2000-2002 VS 5-YR AVERAGE
PRICE ($ PER CWT)
170
160
150
140
130
120
110
100
90
5-YR AV.(1996-2000)
2000
2001
2002
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
MONTH
Data Source: Canfax
Market Analysis and Statistics, Manitoba Agriculture & Food

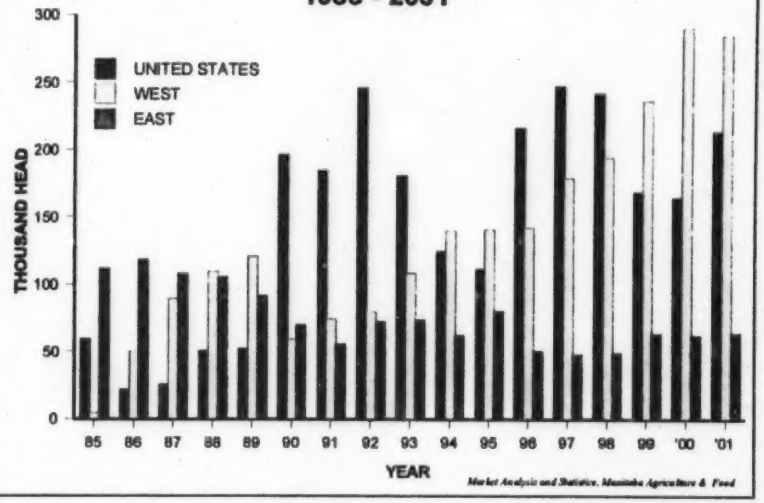
MANITOBA CATTLE*: DESTINATION AND PERCENTAGE OF CATTLE* SALES, 2001



* equivalent carcass weight

Market Analysis and Statistics, Manitoba Agriculture & Food

ESTIMATED MOVEMENT OF MANITOBA CATTLE 1985 - 2001



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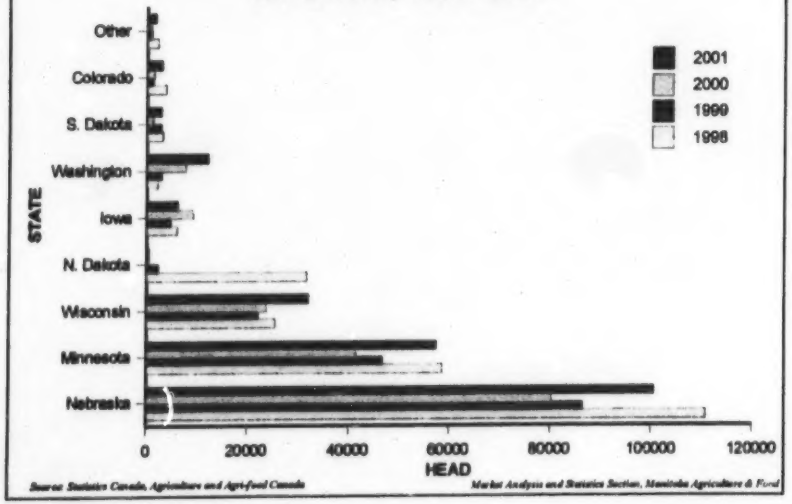
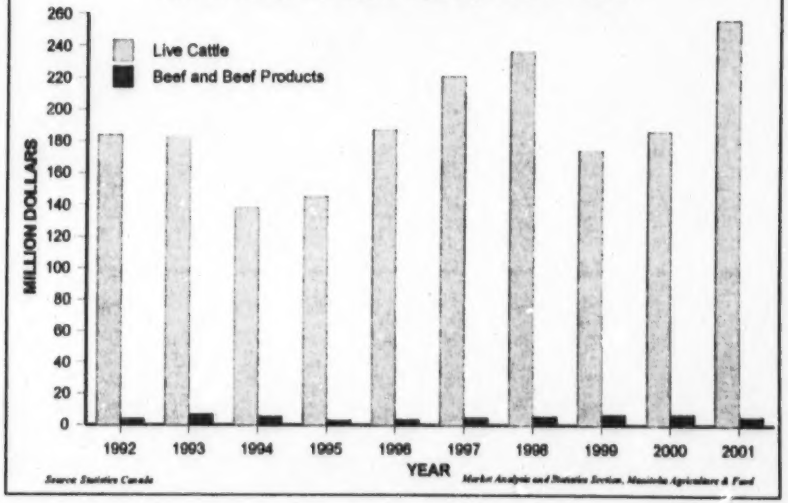
EXPORTS OF MANITOBA CATTLE TO USA BY STATE, 1998- 2001



Source: Statistics Canada, Agriculture and Agri-food Canada

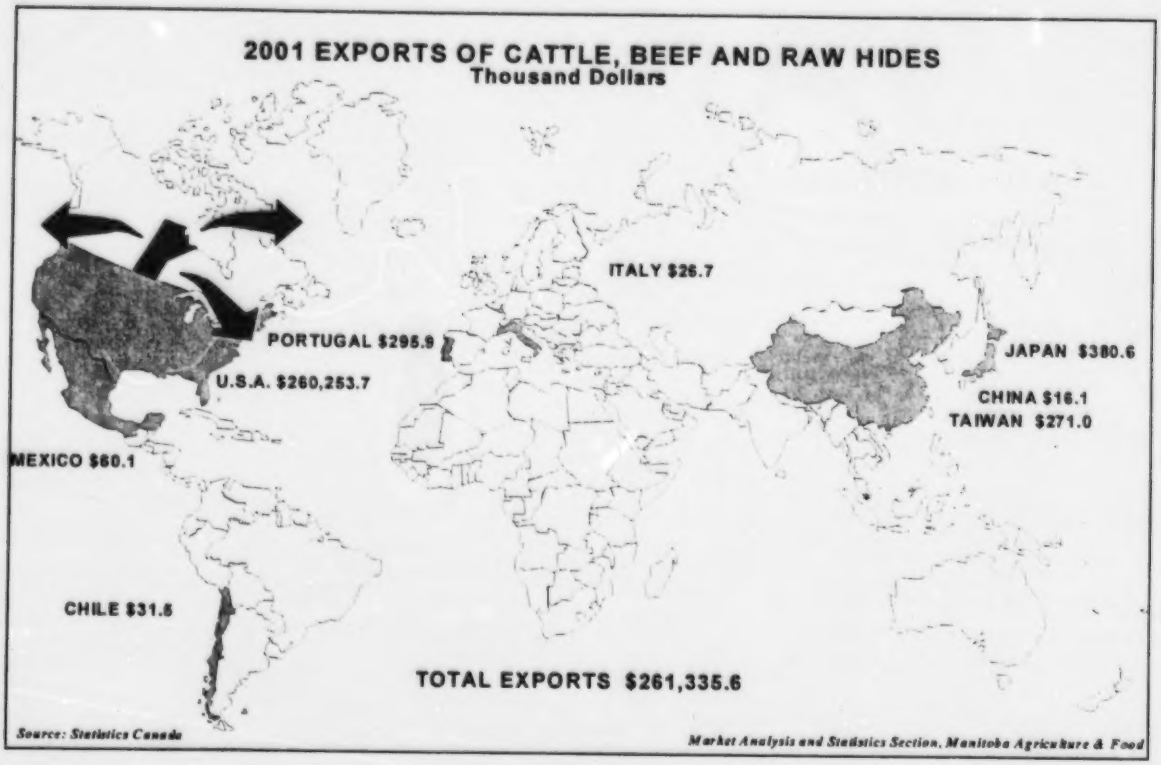
Market Analysis and Statistics Section, Manitoba Agriculture & Food

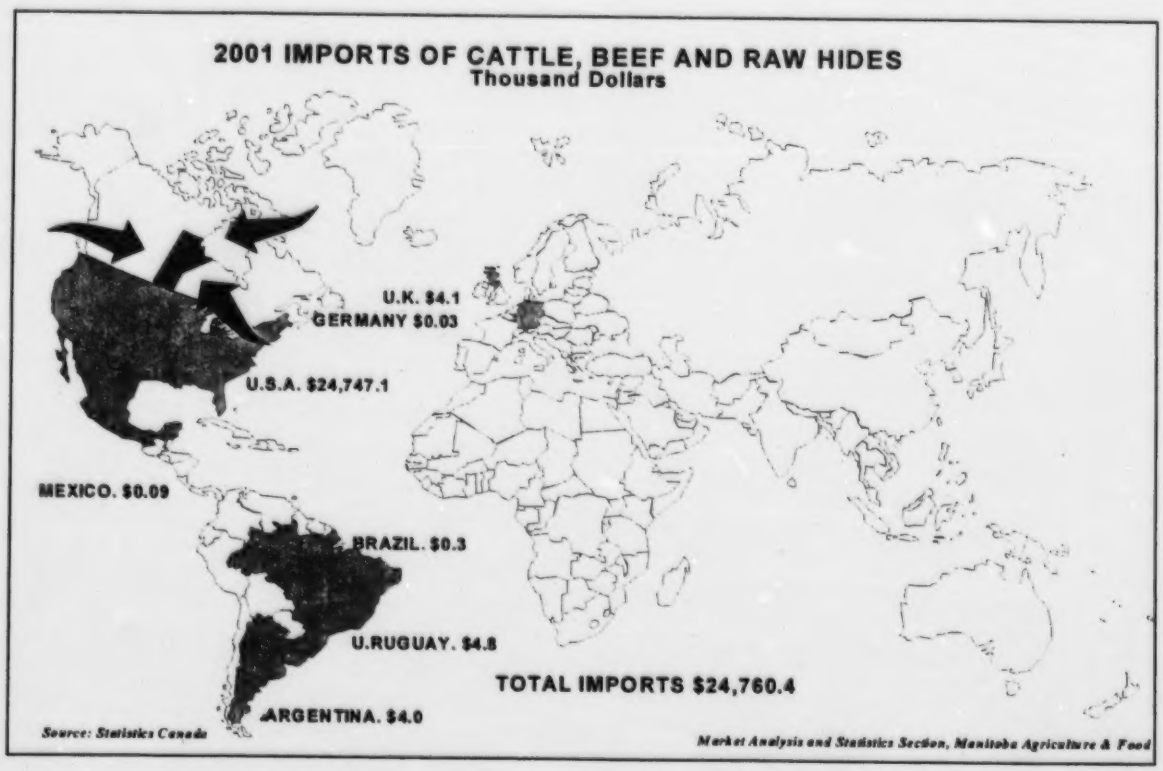
MANITOBA CATTLE & BEEF EXPORTS TO OTHER COUNTRIES, 1992 - 2001



Source: Statistics Canada

Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 EXPORTS OF CATTLE, BEEF AND RAW HIDES
Thousand Dollars
ITALY $26.7
PORTUGAL $295.9
U.S.A. $260,253.7
JAPAN $380.6
CHINA $16.1
TAIWAN $271.0
MEXICO $60.1
CHILE $31.5
TOTAL EXPORTS $261,335.6
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 IMPORTS OF CATTLE, BEEF AND RAW HIDES
Thousand Dollars
U.K. $4.1
GERMANY $0.03
U.S.A. $24,747.1
MEXICO. $0.09
BRAZIL. $0.3
U.RUGUAY. $4.8
TOTAL IMPORTS $24,760.4
ARGENTINA. $4.0
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food

HOG AND PORK SECTOR

HOG AND PORK SECTOR PROFILE

Production:

Manitoba lost its cattle slaughter industry to Alberta in the 1970s. To take advantage of another industry that could utilize the feed grains produced in the province and provide new jobs in hog production, pork processing and other value-added activities, such as construction and transportation, the province turned to hogs.

Manitoba is Canada's third largest hog-producing province, after Quebec and Ontario, with about 24 percent of national production and more than five percent of total North American production in 2001. Manitoba's 1,668 hog operations produced close to 6.4 million hogs in 2001 (including an inventory increase of about 0.4 million head), a rise of 18.2 percent from 2000. Pig production in the province has increased more than sevenfold over the past twenty-five years from 870,000 head in 1975. In the past four years, the average annual rate of increase was 13 percent.

Of the 1,379 Manitoba farms with more than 20 pigs, 262 or 19.0 percent produce weanlings only, 456 or 33.1 percent are farrow to finish and 661 or 47.9 percent are feeder operations. Further analysis by *Statistics Canada* showed 854 Manitoba hog farms, or 51.2 percent of the total number of operations, had sows and, of these, 487 or 57.0 percent had fewer than 100 sows. These smallest farrowing units had only 4.3 percent of the total number of sows in Manitoba. On the other end of the scale, there were 75 hog production units with more than 1,000 sows per unit. These large units averaged about 2,170 sows per unit and, in total, comprised 56.4 percent of all sows and 29.7 percent of total hogs in the province. Another 113 units had 500-999 sows, averaging 666 sows per unit, with a total of 26.1 percent of all sows and 25.0 percent of total hogs in the province. There were 56 units in the 250-500 sow category, averaging 348 sows per unit, which had 6.8 percent of all sows. Almost half of the hog farms in Manitoba had no sows. These 814 units had an average of 956 pigs per farm and 30.6 percent of the total number of hogs in Manitoba.

The quality of Manitoba hogs is among the best in Canada.

The hog industry used $413 million of feed in 2001, of which about one-quarter was imported. Total new and expanded barn construction in 2001 was valued at $172 million.

Hog Marketings:

Since July 1, 1996, hog producers have the option to market hogs to be slaughtered in the province either through brokers, such as Manitoba Pork Marketing Co-op, Inc., or directly to processing plants. Hog marketings totalled 6.03 million head in 2001, of which over 2.67 million head were sold out of the province. Hog producers and brokers exported about 0.90 million hogs and 1.72 million weanlings directly to the U.S. Fewer than 0.05 million hogs were sold to Ontario and Quebec in 2001, similar to the 2000 level, but well below the level in 1995 and 1996. Improved demand for hogs by expanding local pork processors led to 3.36 million Manitoba hogs being killed in Manitoba plants in 2001, up by 15.5 percent from 2000.

Over the years, the introduction of new and different pricing grids by Canadian hog

processors has meant there is no longer a defined standard or "Index 100" hog across Canada, even though most provinces continue to use this term when quoting a base price. Hog prices were higher than projected in spring and summer 2001 and, for the year, averaged 3 percent above the 2000 level. The value of Manitoba hogs produced increased by 23 percent to about $860 million in 2001. This was about one quarter of the total value of agricultural production in the province.

Pork Processing:

Rapidly rising hog production in the province led to Maple Leaf Pork's (MLP) new world-class, state-of-the-art $120 million hog slaughter plant being located in Brandon. The plant can kill more than two million hogs per year on a single shift with a potential capacity of five million hogs and employment of about 2,150 people. MLP began operation of the new plant on September 7, 1999, but, although the plant increased slaughter levels in 2001, it had not yet reached a regular one-full shift capacity of about 45,000 head per week by the end of the year. In March 2001, MLP purchased the J.M. Schneider hog slaughter and pork processing plants in Winnipeg.

The four major and two minor federally-inspected plants and 29 provincially-inspected plants in Manitoba killed a record 4.15 million hogs in 2001, including 0.79 million head from Alberta, Saskatchewan, B.C. and Ontario. The number of hogs brought into the plants from other provinces fell by over 20 percent from the 2000 level. Although Manitoba hog operations produce enough pigs for all slaughter plants in the province, more than 44 percent of pigs sold in 2001 were shipped to the U.S. and other provinces.

The average carcass weight of Manitoba hogs continued to increase in 2001 to over 90 kg (equivalent to about 112 kg or 250 lb of live hog). An estimated 373 million kg of pork and pork products (carcass weight) were produced in the province in 2001 with an estimated total wholesale value of $1.1 billion.

Trade:

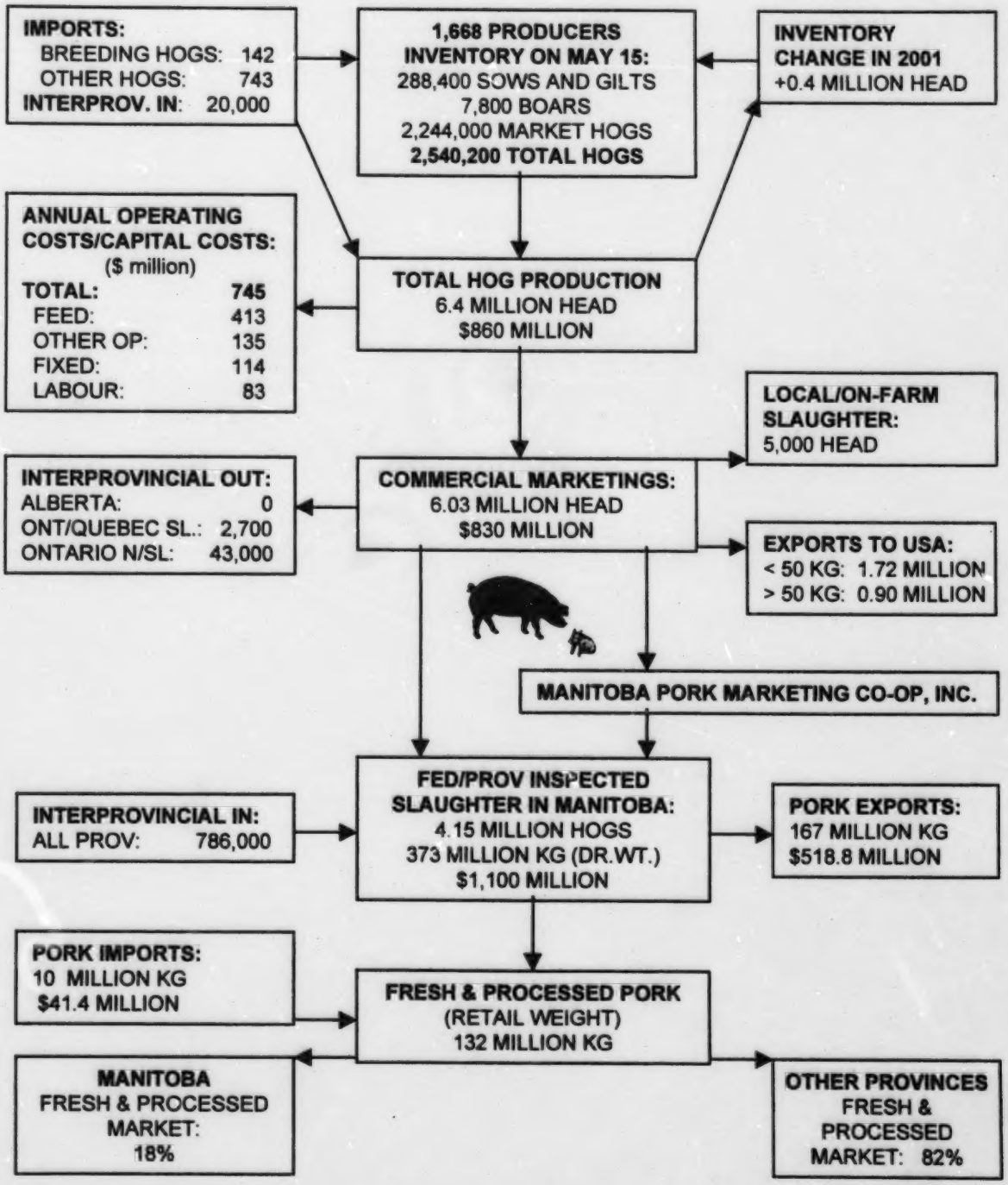
Manitoba is the largest hog-exporting province in Canada and the second largest pork-exporting province after Quebec. Almost $247.5 million of Manitoba hogs were shipped to 26 U.S. states in 2001 compared to $207.6 million to 25 states a year earlier. The majority of slaughter hogs went to plants in South Dakota, Wisconsin, Iowa, North Dakota, Nebraska and Minnesota, while most weanlings were sold to feeder operations located in Iowa, Minnesota, Nebraska and South Dakota.

As Manitobans only consumed about nine percent of the total pork produced in the province and the equivalent of eight percent of all Manitoba hogs/pork marketed in 2001, most of the pork produced in Manitoba had to be sold to other provinces or countries. It appears that almost one-quarter of the pork produced by Manitoba plants in 2001 was shipped to other provinces, such as Ontario. About 167 million kg of Manitoba pork and pork products, valued at a record $518.8 million, (not including pork shipped to plants in Ontario and Quebec and subsequently exported) were sold directly to 36 countries in 2001 with most exports going to the U.S. and Japan.

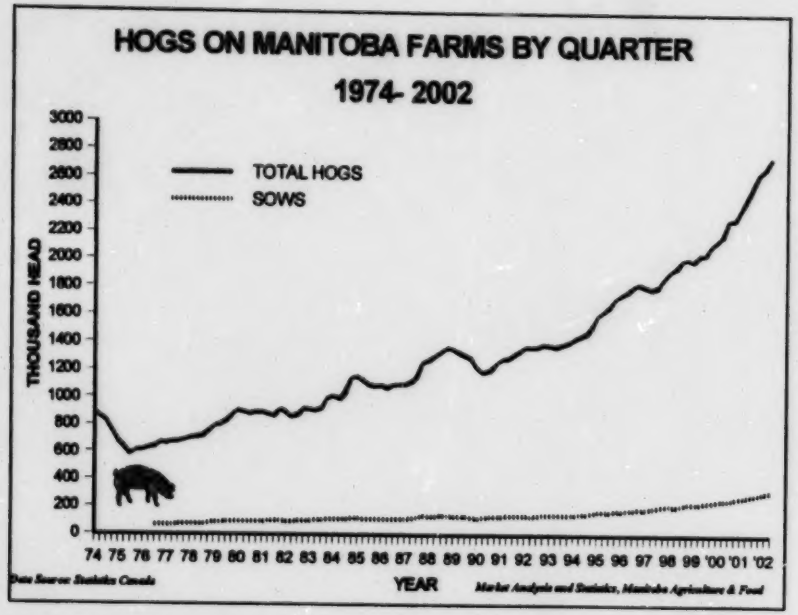
HOG AND PORK SECTOR

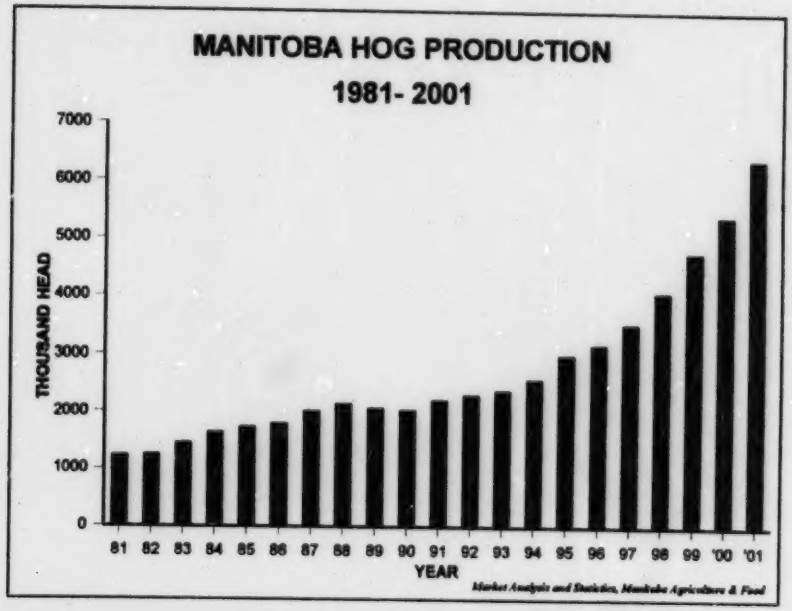
	1998	1999	2000[P]	2001[P]	'01 as a % of '00
HOG FARMS (incl. non-commercial):	1,800	1,750	1,700	1,668	98
(farms, 51+% of income from hogs):	860	815	968	970	100
HOGS ON FARMS ('000):	July 1*	July 1*	July 1*	May 15	
Sows & Bred Gilts	215.9	234.1	254.0	288.4	114
% of Canada	17.2	18.4	19.7	20.4	
Boars	10.3	10.3	9.9	7.8	79
Market Hogs	1,772.4	1,672.4	1,672.0	2,244.0	134
Total Hogs	1,998.6	1,916.8	1,935.9	2,540.2	131
% of Canada	16.1	15.5	15.7	18.2	
* subject to intercensal revision					
HOG PRODUCTION ('000):	4,060	4,760	5,410	6,400	118
% of Canada	18.9	20.8	23.2	23.9	
ANNUAL PRODTN. GROWTH RATE %:	14.7	17.0	13.7	18.2	
VALUE OF HOG PRODUCTION ($mln):	422	476	700	860	123
HOG CASH RECEIPTS ($ million):	396.4	482.3	676.1	785.5	116
% of Canada	17.8	19.8	20.0	20.4	
AV. "ALL-IN" HOG PRICES ($/100kg):	131	138	183	190	103
AV. INDEX 100 HOG PRICES ($/100kg):	121	125	167	172	103
HOG SLAUGHTER:					
Inspected Slaughter in Manitoba('000)	2,820.0	3,073.0	3,923.9	4,147.5	106
% of Canada	17.2	16.4	20.3	20.2	
Mb-origin Slaughter in Canada ('000)	2,260.0	2,566.3	2,910.0	3,361.6	116
% of Canada	13.5	13.7	14.9	16.4	
PORK PRODUCTION: ('000 tonnes dr.)	245	275	351	373	106
($ million est.)	560	935	1,000	1,100	110
EXPORTS:					
Hogs - ('000)	1,660.3	2,284.5	2,342.3	2,628.6	112
- ($ million)	155.8	165.3	207.6	247.5	119
Pork - (million kg)	73.1	88.1	138.5	167.0	121
- ($ million)	197.3	240.0	398.9	518.8	130
IMPORTS:					
Hogs - ($ million)	0.4	0.2	0.3	0.3	96
Pork and products - ($ million)	20.7	29.2	37.4	41.4	111
CDN. PER CAPITA DISAPPEARANCE:					
Pork (carcass wt. kg)	27.1	28.2	28.6	28.9	101

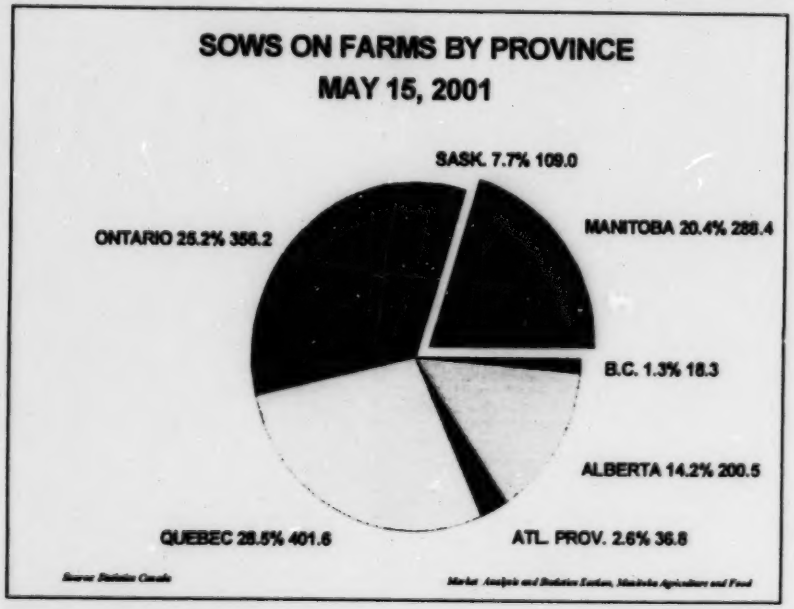
HOG INDUSTRY CHART, 2001

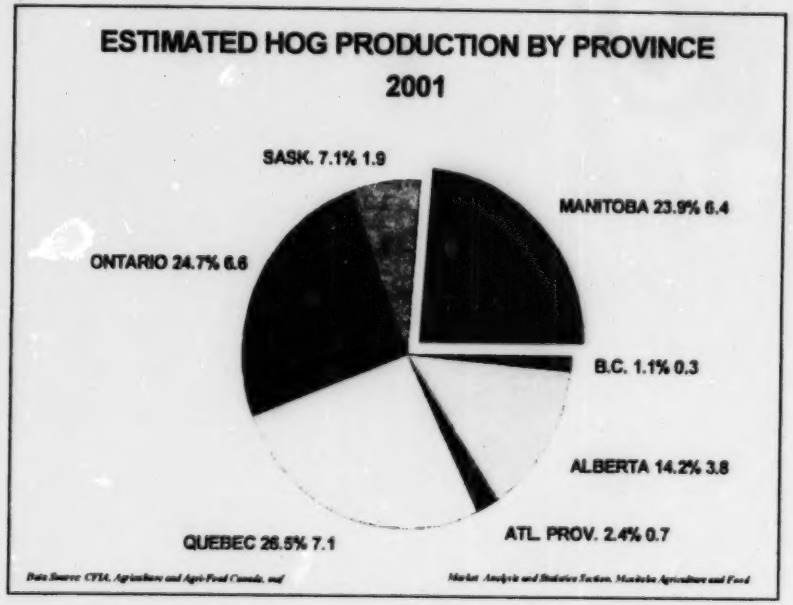


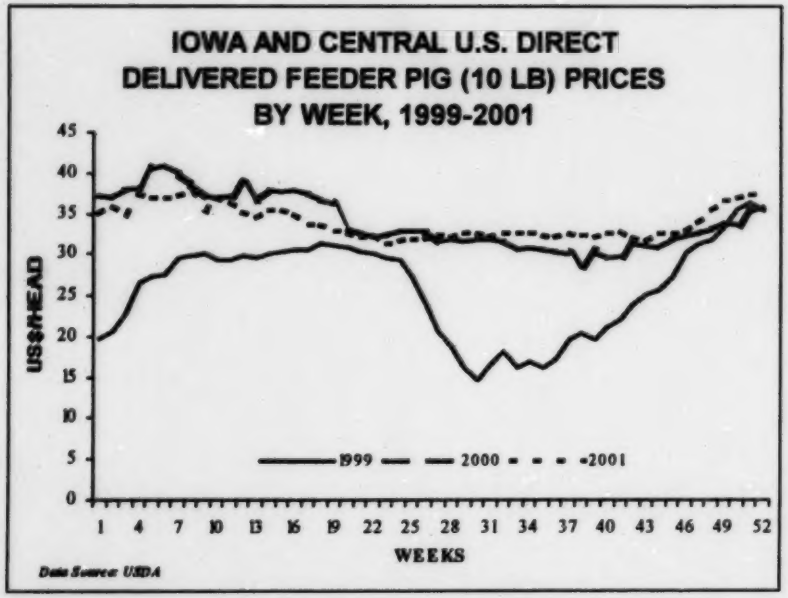
DATA SOURCE: Manitoba Agriculture and Food, CFIA, Statistics Canada, Agriculture & Agri-Food Canada

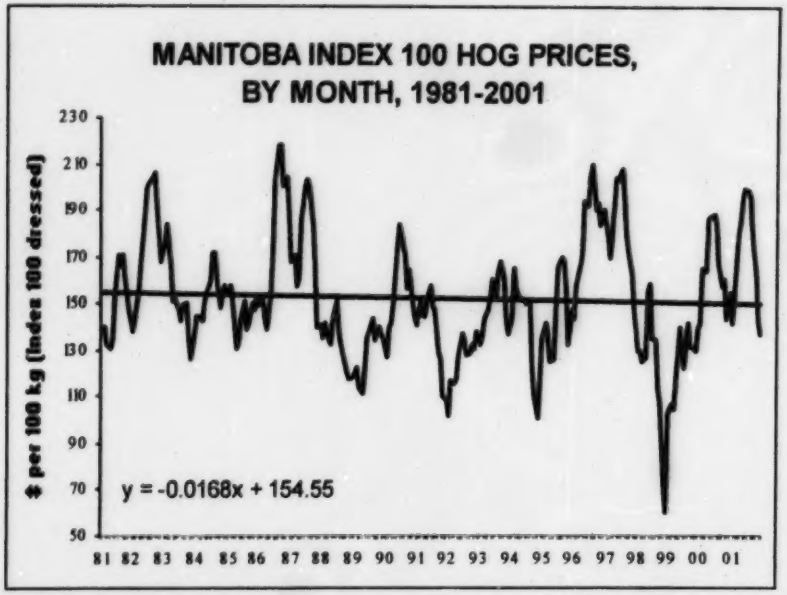

HOGS ON MANITOBA FARMS BY QUARTER
1974- 2002
TOTAL HOGS
SOWS
THOUSAND HEAD
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 '00 '01 '02
YEAR
Data Source: Statistics Canada
Market Analysis and Statistics, Manitoba Agriculture & Food

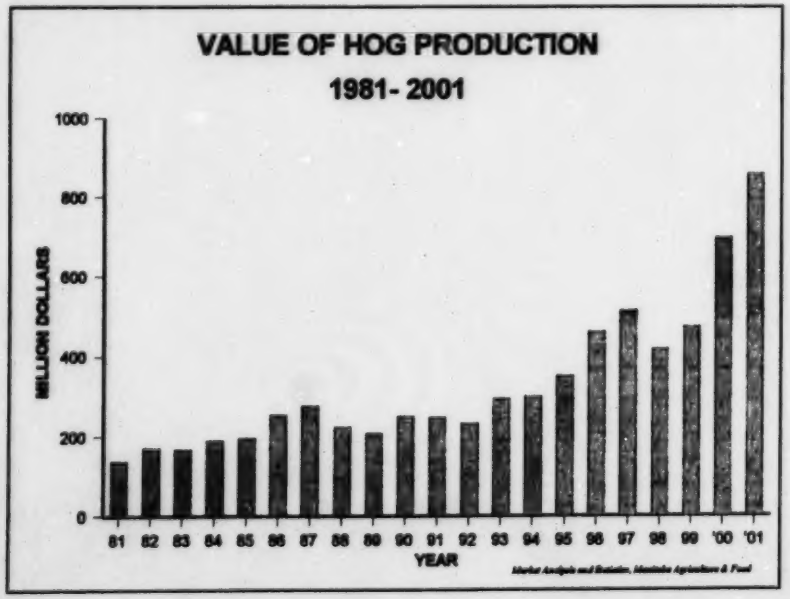

MANITOBA HOG PRODUCTION
1981- 2001
THOUSAND HEAD
7000
6000
5000
4000
3000
2000
1000
0
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 '00 '01
YEAR
Market Analysis and Statistics, Manitoba Agriculture & Food

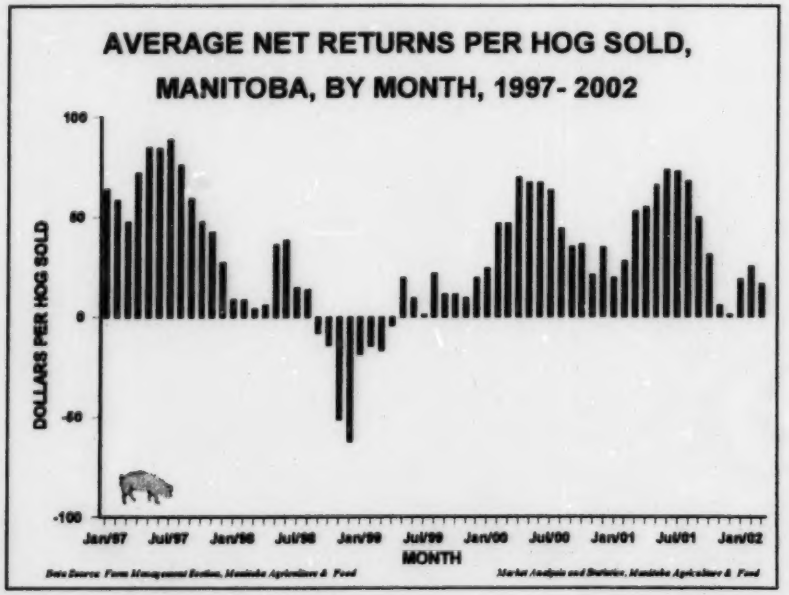

SOWS ON FARMS BY PROVINCE
MAY 15, 2001
SASK. 7.7% 109.0
MANITOBA 20.4% 288.4
ONTARIO 25.2% 356.2
B.C. 1.3% 18.3
ALBERTA 14.2% 200.5
QUEBEC 28.5% 401.6
ATL. PROV. 2.6% 36.8
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture and Food


ESTIMATED HOG PRODUCTION BY PROVINCE
2001
SASK. 7.1% 1.9
MANITOBA 23.9% 6.4
ONTARIO 24.7% 6.6
B.C. 1.1% 0.3
ALBERTA 14.2% 3.8
QUEBEC 26.5% 7.1
ATL. PROV. 2.4% 0.7
Data Source: CFIA, Agriculture and Agri-Food Canada, and
Market Analysis and Statistics Section, Manitoba Agriculture and Food

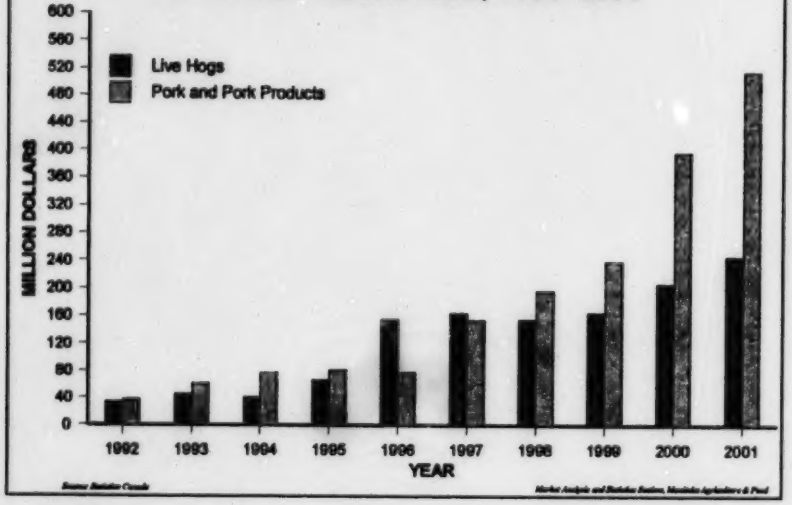

IOWA AND CENTRAL U.S. DIRECT
DELIVERED FEEDER PIG (10 LB) PRICES
BY WEEK, 1999-2001
US$/HEAD
45
40
35
30
25
20
15
10
5
0
1999
2000
2001
1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52
WEEKS
Data Source: USDA


MANITOBA INDEX 100 HOG PRICES,
BY MONTH, 1981-2001
$ per 100 kg (Index 100 dressed)
230
210
190
170
150
130
110
90
70
50
y = -0.0168x + 154.55
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01

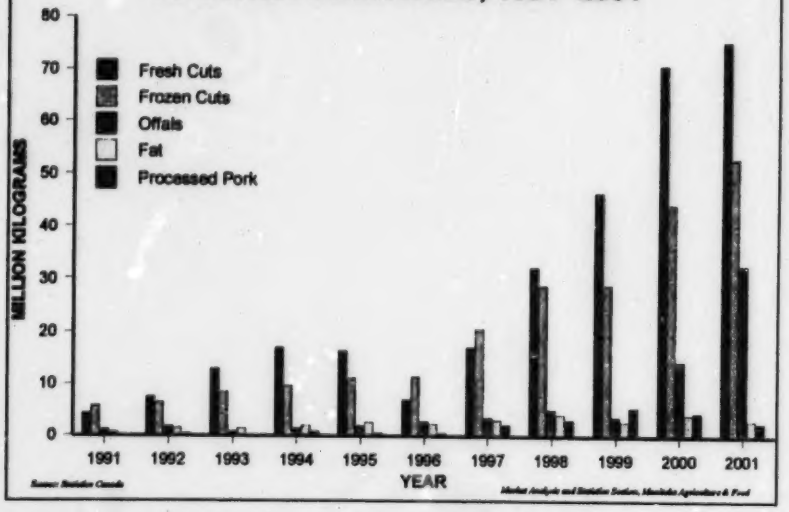

VALUE OF HOG PRODUCTION
1981- 2001
MILLION DOLLARS
1000
800
600
400
200
0
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 '00 '01
YEAR


AVERAGE NET RETURNS PER HOG SOLD,
MANITOBA, BY MONTH, 1997- 2002
DOLLARS PER HOG SOLD
100
50
0
-50
-100
Jan/97 Jul/97 Jan/98 Jul/98 Jan/99 Jul/99 Jan/00 Jul/00 Jan/01 Jul/01 Jan/02
MONTH

MANITOBA HOG AND PORK EXPORTS TO OTHER COUNTRIES, 1992- 2001

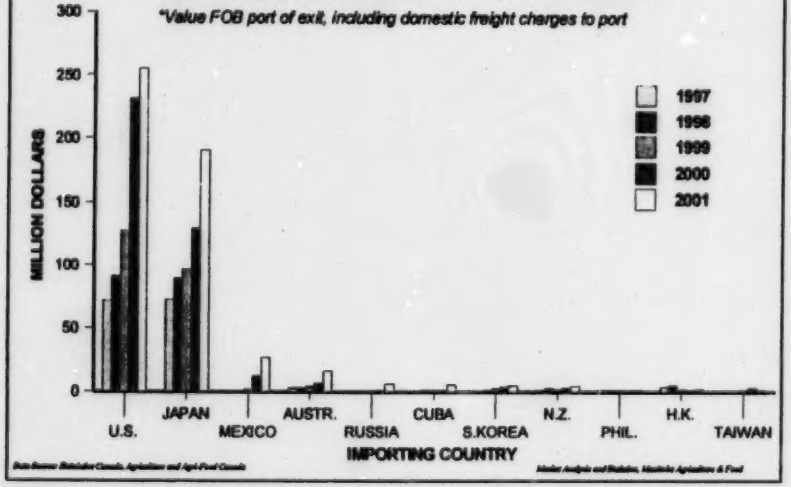


MANITOBA PORK EXPORTS TO OTHER COUNTRIES, 1991- 2001



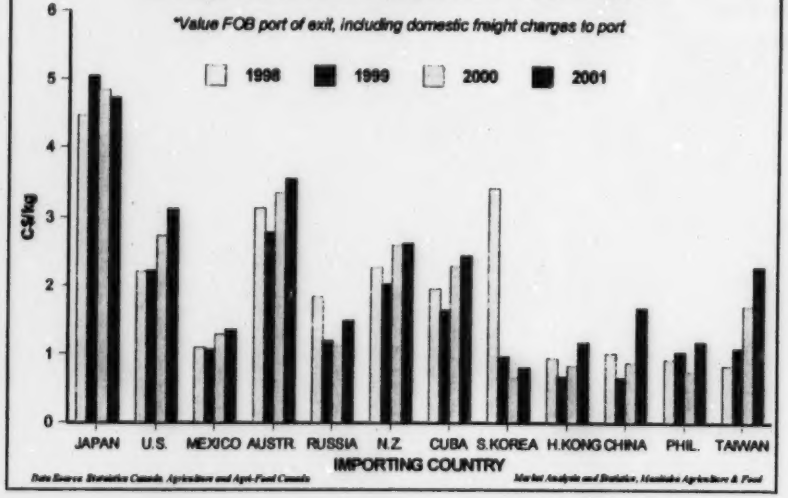
VALUE* OF MANITOBA PORK EXPORTS BY IMPORTING COUNTRY, 1997- 2001

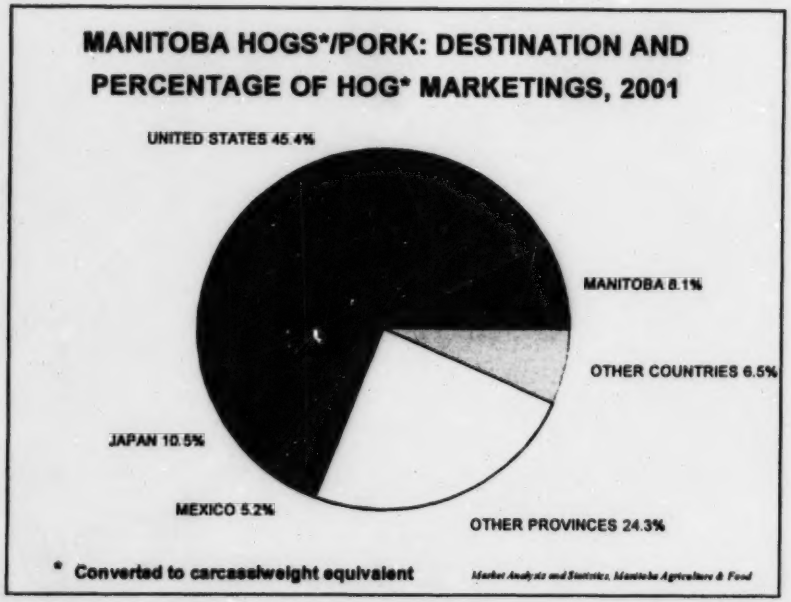
*Value FOB port of exit, including domestic freight charges to port

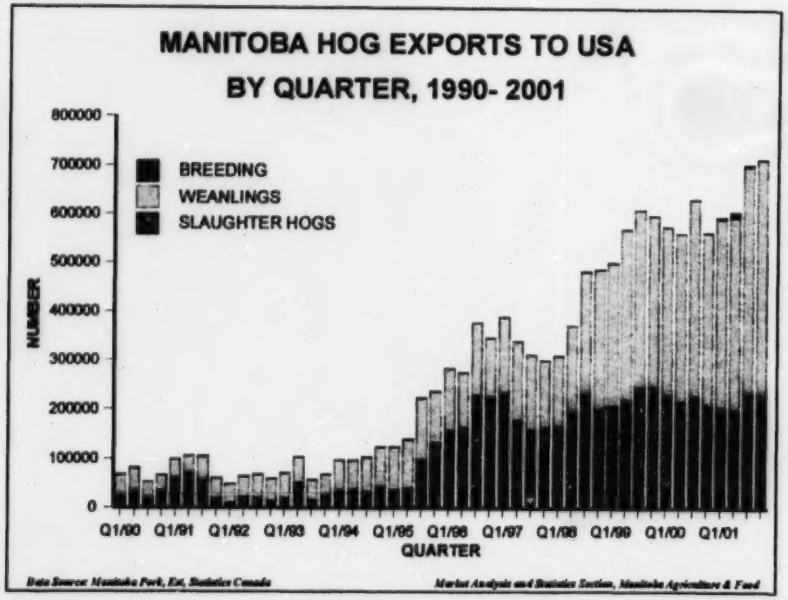


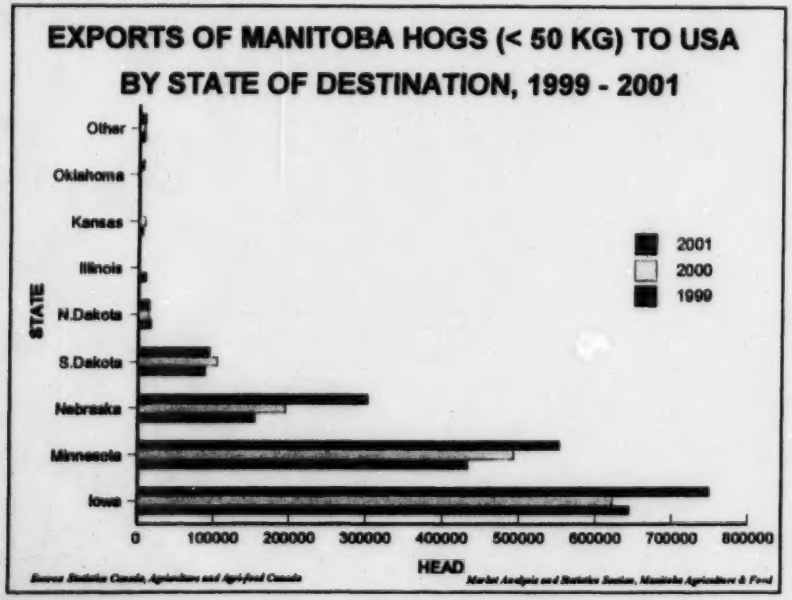
AVERAGE PRICE* OF MANITOBA PORK BY IMPORTING COUNTRY, 1997- 2001

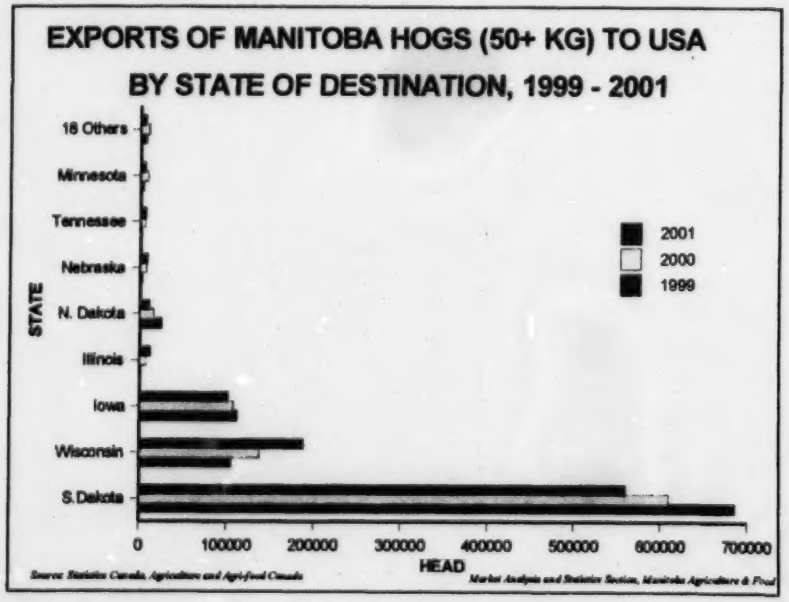
*Value FOB port of exit, including domestic freight charges to port

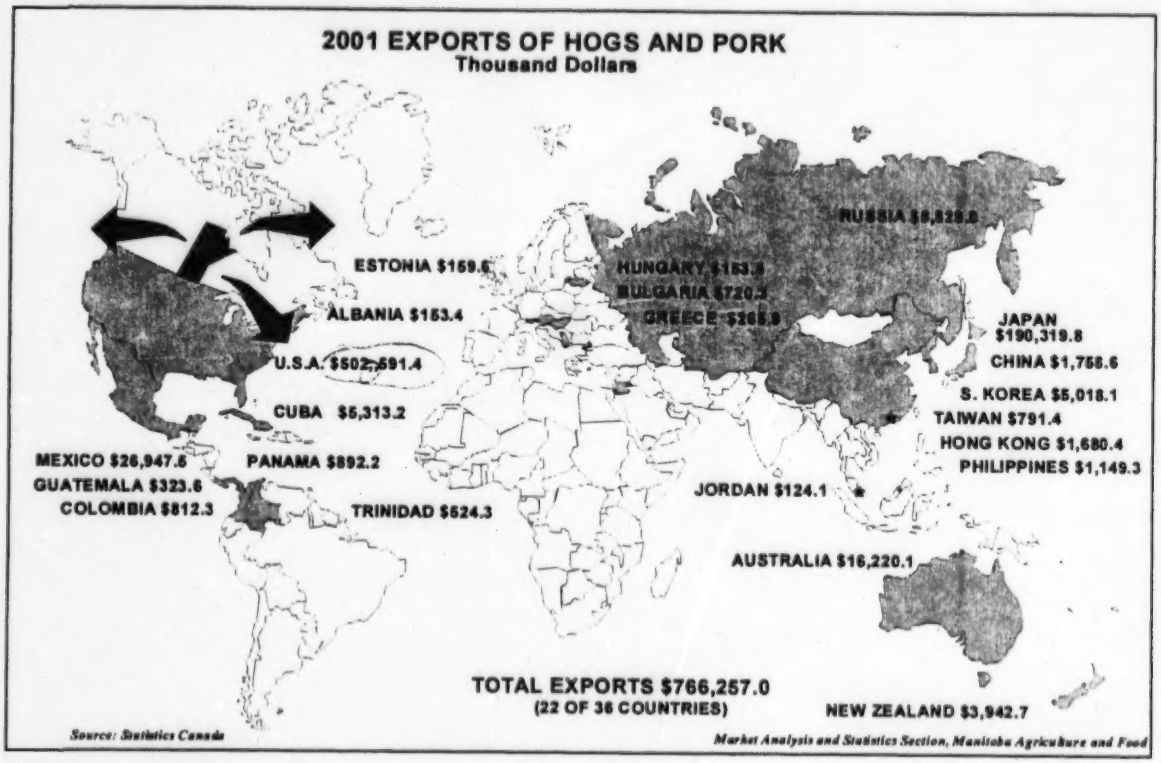


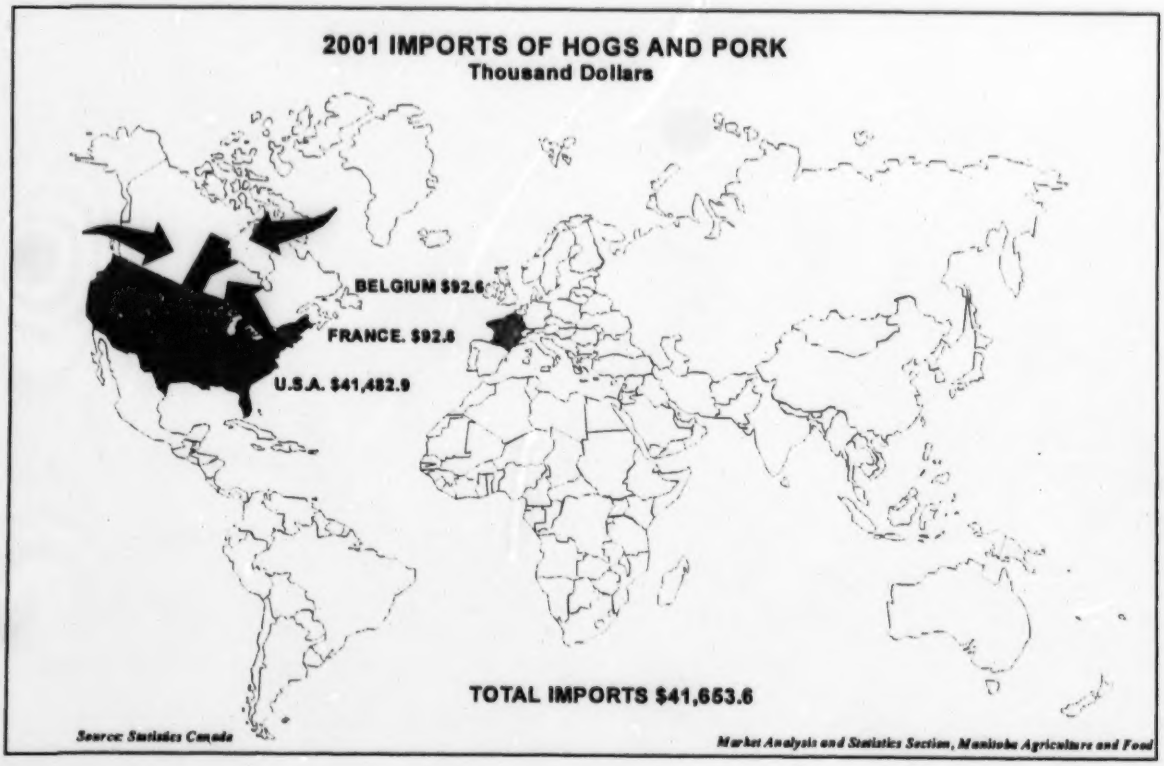

MANITOBA HOGS*/PORK: DESTINATION AND PERCENTAGE OF HOG* MARKETINGS, 2001
UNITED STATES 45.4%
MANITOBA 8.1%
OTHER COUNTRIES 6.5%
JAPAN 10.5%
MEXICO 5.2%
OTHER PROVINCES 24.3%
* Converted to carcass/weight equivalent
Market Analysis and Statistics, Manitoba Agriculture & Food


MANITOBA HOG EXPORTS TO USA BY QUARTER, 1990- 2001
BREEDING
WEANLINGS
SLAUGHTER HOGS
NUMBER
800000
700000
600000
500000
400000
300000
200000
100000
0
Q1/90 Q1/91 Q1/92 Q1/93 Q1/94 Q1/95 Q1/96 Q1/97 Q1/98 Q1/99 Q1/00 Q1/01
QUARTER
Data Source: Manitoba Pork, Ltd, Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


EXPORTS OF MANITOBA HOGS (< 50 KG) TO USA BY STATE OF DESTINATION, 1999 - 2001
Other
Oklahoma
Kansas
Illinois
N.Dakota
S.Dakota
Nebraska
Minnesota
Iowa
STATE
2001
2000
1999
0 100000 200000 300000 400000 500000 600000 700000 800000
HEAD
Source: Statistics Canada, Agriculture and Agri-food Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


EXPORTS OF MANITOBA HOGS (50+ KG) TO USA BY STATE OF DESTINATION, 1999 - 2001
18 Others
Minnesota
Tennessee
Nebraska
N. Dakota
Illinois
Iowa
Wisconsin
S.Dakota
STATE
2001
2000
1999
0 100000 200000 300000 400000 500000 600000 700000
HEAD
Source: Statistics Canada, Agriculture and Agri-food Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 EXPORTS OF HOGS AND PORK
Thousand Dollars
RUSSIA $8,829.0
ESTONIA $159.6
HUNGARY $153.9
BULGARIA $720.3
GREECE $265.9
ALBANIA $153.4
JAPAN $190,319.8
U.S.A. $502,691.4
CHINA $1,758.6
S. KOREA $5,018.1
CUBA $5,313.2
TAIWAN $791.4
HONG KONG $1,680.4
MEXICO $26,947.6
PANAMA $892.2
PHILIPPINES $1,149.3
GUATEMALA $323.6
JORDAN $124.1
COLOMBIA $812.3
TRINIDAD $624.3
AUSTRALIA $16,220.1
TOTAL EXPORTS $766,257.0
(22 OF 36 COUNTRIES)
NEW ZEALAND $3,942.7
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture and Food


2001 IMPORTS OF HOGS AND PORK
Thousand Dollars
BELGIUM $92.6
FRANCE. $92.8
U.S.A. $41,482.9
TOTAL IMPORTS $41,653.6
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture and Food

SHEEP AND LAMB SECTOR

SHEEP AND LAMB SECTOR PROFILE

Production:

Although much smaller than the cattle and hog industries, Manitoba's sheep and lamb industry is the fifth largest in Canada, with 6.2 percent of the ewes, and 1.1 percent of total North American production in 2001. Lamb production in Manitoba has been increasing fairly steadily since 1991 and is likely to expand further due to favourable costs and methods of production. In 2001, Manitoba's 733 operators produced an estimated 59,000 lambs, an increase of 23 percent from the 2000 level. The value of Manitoba lambs produced in 2001 was about $5.2 million, almost 0.2 percent of the total value of agricultural production in the province. Manitoba farm cash receipts from sheep and lambs sold in 2001, including the value added to imported lambs, was $9.61 million, down by 2 percent from 2000.

Marketings and Trade:

The Manitoba lamb/sheep feedlot industry is actually much larger than lamb production in the province. In 2001, about 52,500 sheep and lambs were brought into Manitoba from British Columbia, Saskatchewan, Alberta and the U.S. Many of these animals were fed for various lengths of time in the province before being shipped to Ontario, Quebec or the United States for sale and slaughter. About 56,000 sheep and lambs were sold in Ontario and Quebec and approximately 2,000 head went to Saskatchewan and Alberta. In 2001, 29,000 sheep and lambs were exported to the United States.

Lamb Slaughter:

Provincially-inspected plants in Manitoba slaughtered over 2,387 lambs in 2001, either for sale to local retailers or on a custom-kill basis. About 8,000 lambs were killed on farm for/by customers in 2001. Most of the lamb consumed in Manitoba comes from New Zealand or Alberta. The Canadian per capita disappearance of lamb and mutton was about 1.0 kg (carcass weight) in 2001, 11 percent higher than in 2000.

Potential:

The Manitoba Sheep Association and their strategic partners are currently involved with the Manitoba Sheep Initiative, funded by the Manitoba Rural Adaptation Council (MRAC), which will identify opportunities for industry development and promote the value of sheep production as a value added marketing option for forages. Industry stakeholders were surveyed between 1999 and 2002 to determine their interest and involvement in the industry, cost of production studies were produced, a comparative advantage study of the industry was commissioned and production workshops and information resource development continued throughout 2001 to March 2002.

SHEEP, LAMB, WOOL SECTOR

	1998	1999[R]	2000[R]	2001[P]	'01 as a % of '00
NO. OF SHEEP FARMS:	565	555	590	733	124
SHEEP ON FARMS ('000):	July 1*	July 1*	July 1*	May 15	
Ewes	23.0	25.0	31.0	38.2	123
% of Canada	5.5	5.6	6.3	6.2	
Rams	1.0	1.0	1.5	1.7	113
Lambs for Breeding	6.0	6.5	7.0	12.8	183
Lambs for Market	19.0	25.0	39.3	32.1	82
Total Sheep	49.0	57.5	78.8	84.8	108
% of Canada	5.9	6.5	8.1	6.7	
* subject to intercensal revision					
LAMB PRODUCTION ('000):	34.5	37.5	48.0	59.0	123
VALUE OF LAMB PRODUCTN ($'000):	2,800	3,000	4,700	5,200	111
CASH RECEIPTS ($'000):					
Sheep/Lambs	10,350	9,034	9,814	9,610	98
% of Canada	15.1	12.6	12.1	10.1	
Wool Sold	60	29	87	59	68
AV. SHEEP/LAMB PRICES ($/cwt):					
Sheep	45	48	51	43	84
Lambs A & B (under 80 lb.)	103	109	109	103	94
Lambs A & B (95-109 lb.)	92	92	104	97	93
SHEEP/LAMB SLAUGHTER:					
Inspected in Manitoba (head)	1,552	2,112	2,187	2,387	109
% of Canada	0.5	0.6	0.6	0.6	
LAMB/MUTTON PROD (tonnes dress):	35.0	48.0	50.0	55.0	110
WOOL SOLD OR USED ON FARMS:					
Weight (tonnes)	64.5	68.0	157.7	67.0	42
Value ($'000)	63	30	88	34	39
AVERAGE PRICE OF WOOL ($/kg):	0.97	0.44	0.56	0.50	89
EXPORTS OF SHEEP/LAMBS:					
To U.S.A.	37,600	37,700	27,240	29,000	106
To Eastern Canada	42,300	46,000	56,000	56,000	100
To Western Canada	4,500	4,000	2,000	2,000	100
IMPORTS:					
Sheep/Lambs from W. Canada/U.S.	67,000	68,000	61,000	52,500	86
Lamb/Mutton (tonnes)	700	690	1,000	1,090	114
CDN PER CAPITA DISAPPEARANCE:					
Lamb and Mutton (carcass weight (kg))	0.8	0.8	0.9	1.0	111

SHEEP INDUSTRY CHART, 2001

ANNUAL OPERATING & CAPITAL COSTS:
($ million)

FEED	1.4
OTHER OPER.	2.2
FIXED	1.1
LABOUR	0.8
TOTAL COSTS	**5.5**

733 PRODUCERS
INVENTORY ON May 15/01:
38,200 EWES
1,700 RAMS
44,900 LAMBS
84,800 TOTAL SHEEP

WOOL:
SOLD OR USED
67 TONNES
$34,000

BREEDING STOCK:
INTERPROV.: 1,500
MANITOBA: 13,000

LAMBS PRODUCED:
59,000 HEAD

EXPORTS:
USA: 29,000 HEAD
INTERPROVINCIAL:
EAST: 56,000 HEAD
WEST: 2,000 HEAD

SHEEP AND LAMBS W. CANADA/USA IN:
52,500 HEAD[E]

TOTAL SHEEP AND LAMB MARKETINGS:
97,000 HEAD

FARM GATE SALES
8,000 LAMBS[E]

CARCASS EXPORTS:
0 LAMBS

INSPECTED SLAUGHTER:
2,387 HEAD

FREEZER LAMB TRADE: 1,000 HEAD[E]
(25 TONNES)

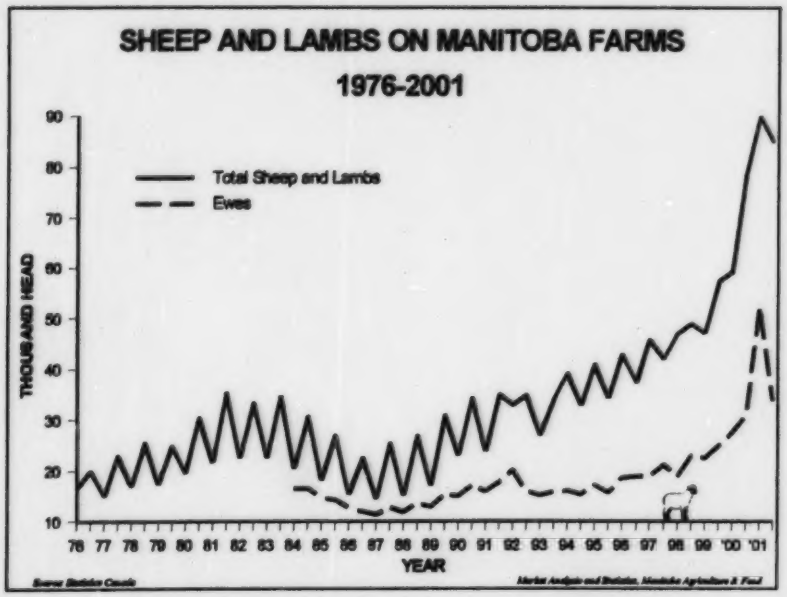
PROCESSING:
1,387 LAMBS
(30 TONNES)

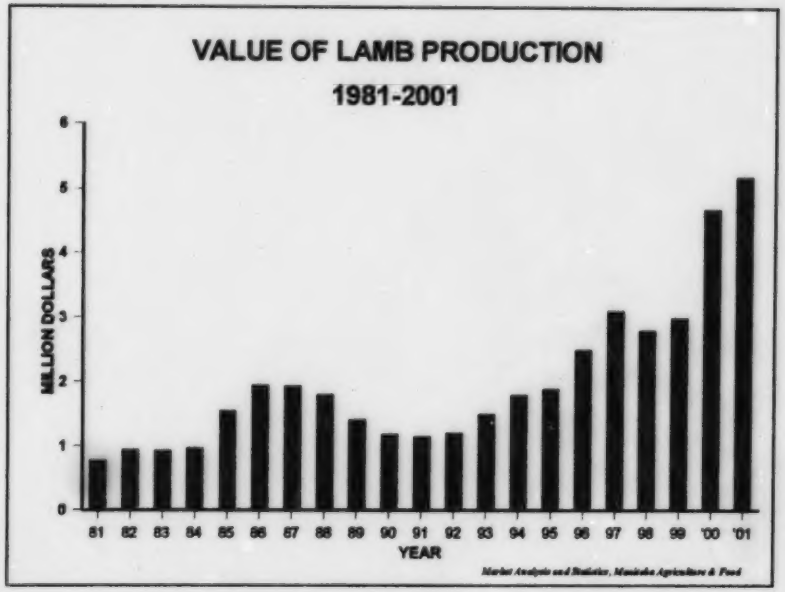
DRESSED LAMB IN:
1,090 TONNES

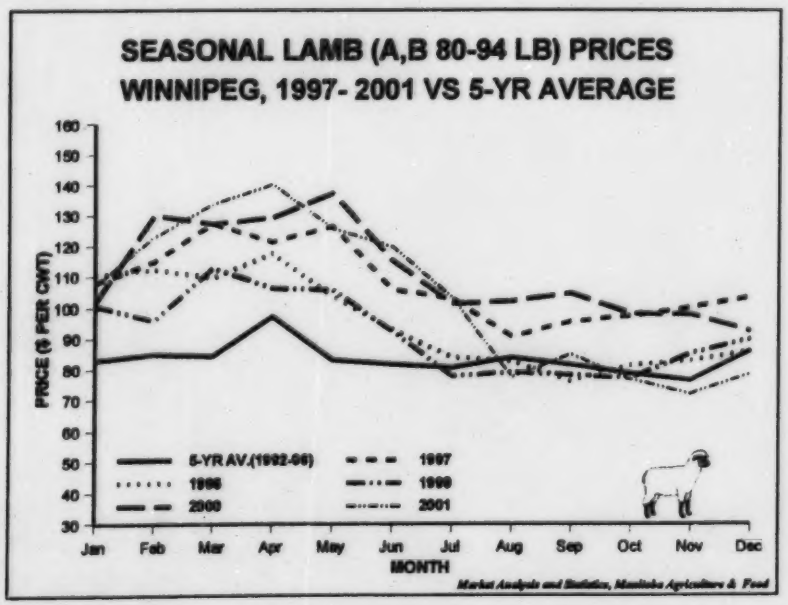
WHOLESALE LAMB:
1,120 TONNES

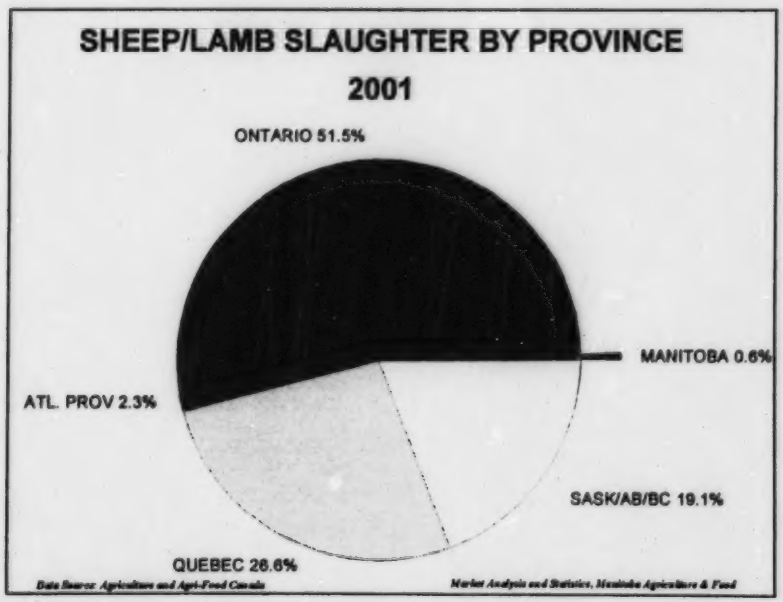
MANITOBA RETAIL AND RESTAURANT TRADE

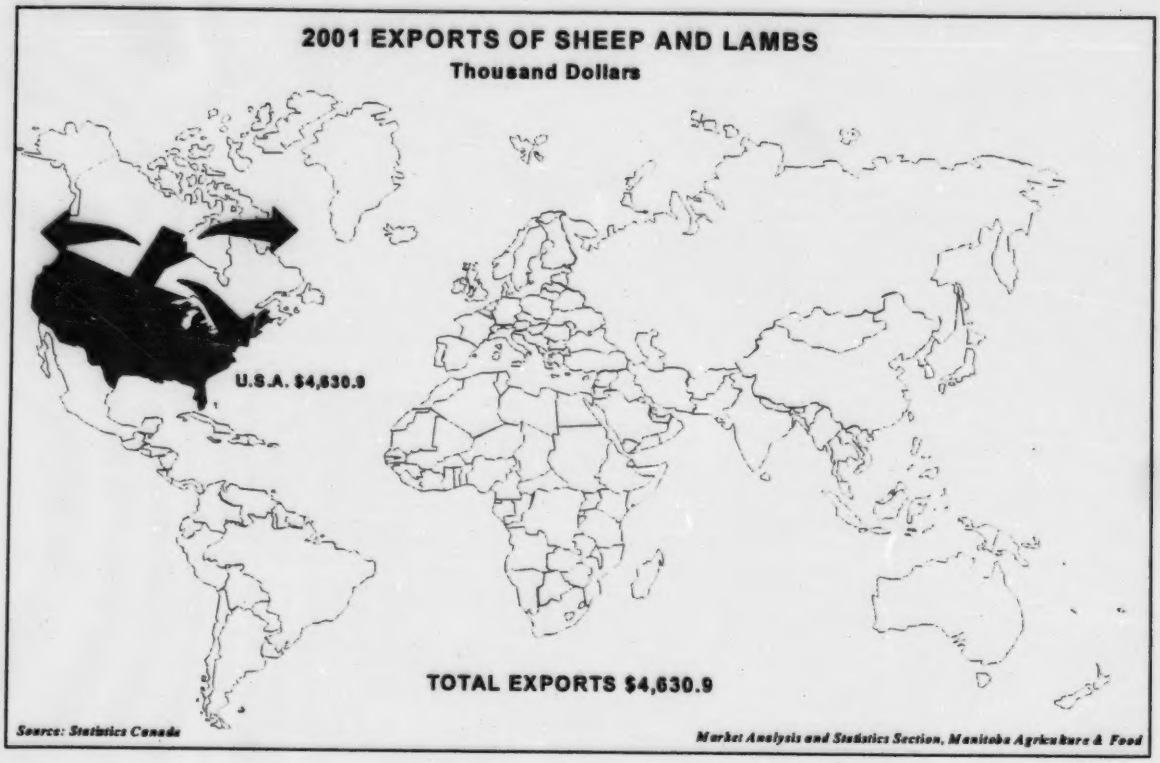
DATA SOURCE: Manitoba Agriculture & Food, Statistics Canada, Agriculture & Agri-Food Canada, Canada Co-operative Wool Growers Ltd., Manitoba Sheep Producers. [E] Estimated

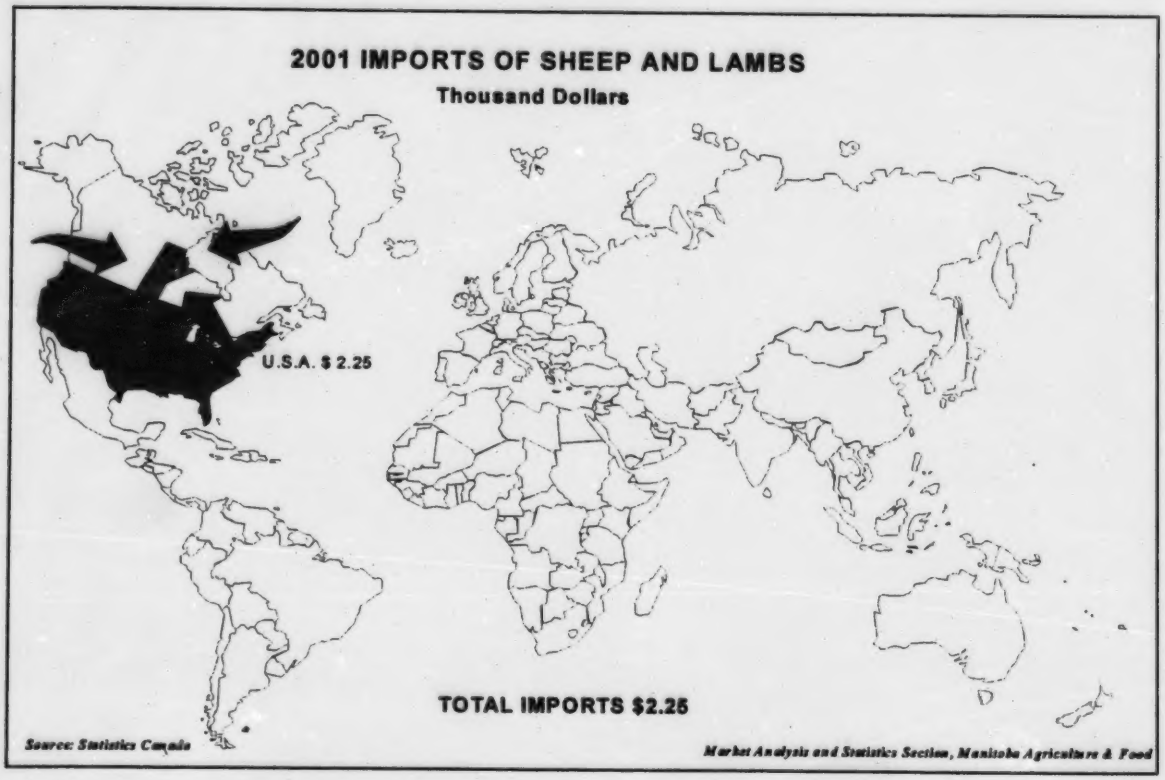

SHEEP AND LAMBS ON MANITOBA FARMS
1976-2001
Total Sheep and Lambs
Ewes
THOUSAND HEAD
YEAR


VALUE OF LAMB PRODUCTION
1981-2001
MILLION DOLLARS
YEAR

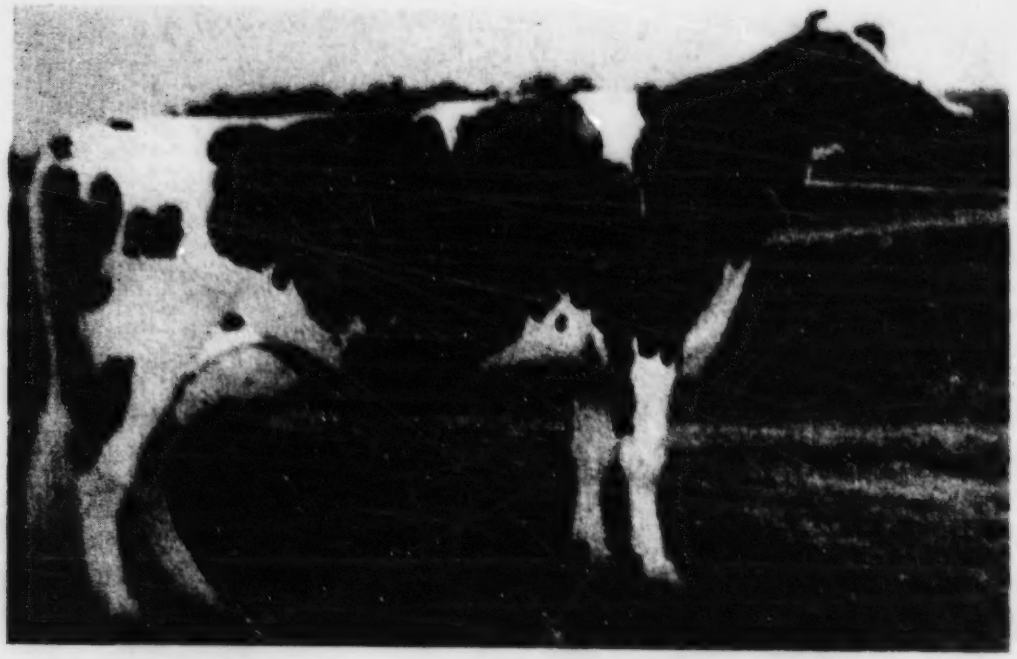

SEASONAL LAMB (A,B 80-94 LB) PRICES
WINNIPEG, 1997- 2001 VS 5-YR AVERAGE
PRICE ($ PER CWT)
MONTH
5-YR AV.(1992-96)
1997
1998
1999
2000
2001


SHEEP/LAMB SLAUGHTER BY PROVINCE
2001
ONTARIO 51.5%
MANITOBA 0.6%
ATL. PROV 2.3%
SASK/AB/BC 19.1%
QUEBEC 26.6%


2001 EXPORTS OF SHEEP AND LAMBS
Thousand Dollars
U.S.A. $4,630.9
TOTAL EXPORTS $4,630.9
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 IMPORTS OF SHEEP AND LAMBS
Thousand Dollars
U.S.A. $ 2.25
TOTAL IMPORTS $2.25
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food

DAIRY SECTOR



DAIRY SECTOR PROFILE

Production:

Manitoba has Canada's fifth largest dairy cow herd with 4.3 percent of the nation's dairy cows and 0.5 percent of total North American dairy cows in 2001. Most of Manitoba's dairy farms are located east and south of Winnipeg. About 38 percent of the province's dairy herds are located in the Eastern Region, 32 percent in the Central Region, 13.5 percent in the Interlake, 12.5 percent in the Southwest Region and 4 percent in the Northwest. About 94-95 percent of all dairy cows in Manitoba are Holsteins. The remainder is comprised of breeds, such as Jersey, Brown Swiss, Guernsey and Ayrshire.

According to Statistics Canada, total dairy cow numbers in Manitoba have declined fairly steadily over the past twenty-five years from 92,000 head on December 31, 1976 to 42,000 head on December 31, 2001, an average decrease of two percent a year. The actual number of dairy cows producing milk within the supply management (quota) system declined slightly to 34,500 head on December 31, 2001. Although the number of commercial milk and cream shippers declined by 2.0 percent to 625 at the end of 2001, they sold 289.5 million litres of milk and cream, 1.8 percent less than in 2000. The productivity of Manitoba dairy cows has increased significantly since 1977, when 3.1 kl of milk and cream were sold per cow per year compared to 6.9 kl per cow (8.4 kl per cow within the supply management quota system) in 2001.

Milk and Cream Sales:

Farm cash receipts from milk and cream sold in 2001 amounted to $159.3 million, 4.3 percent of the total farm cash receipts for the province. About 39 percent of dairy cash receipts came from sales of milk for fluid use, about 60 percent were from sales for industrial milk use, 0.1 percent from industrial cream sales and the remaining 0.8 percent were supplementary payments to dairy producers.

Dairy Processing:

Manitoba's dairy processing industry comprised three fluid milk plants, eleven industrial plants, two repackaging plants for cheese and milk powder and two research and development facilities with a total of more than 470 employees in 2001. Another 400 employees were involved in the distribution of dairy products.

The fluid milk plants were Lucerne Foods Ltd. and Parmalat Dairy and Bakery Inc, both in Winnipeg, and Dairyworld Foods in Brandon. Manitoba had five cheese plants located in Grunthal (Medo-Land Dairy Products), New Bothwell (Bothwell Co-operative Dairy Society Ltd.), Souris (Saputo Foods Ltd.), Winkler (Armstrong Cheese Company Ltd. purchased by Saputo Food, Ltd in 2000) and Arden (Riverridge Dairy operated by the Riverside Hutterite Colony). There were three ice cream plants, Goodlife in Neepawa and

Lucerne Foods Ltd. in Winnipeg and, a new operation in 2000, Nicole's Desserts, Inc. in Winnipeg. There is also a creamery/powdered milk plant, Parmalat Foods Inc., located at St. Claude, a creamery, Notre Dame Creamery Ltd., at Notre Dame and a multi-product dairy, Rockwood Agribusiness. The repackaging plants were Lucerne Foods Ltd. (cheese) and Medallion Milk Co. Ltd. (milk powder) located in Winnipeg. There were also two research and development facilities licensed to process dairy products, the University of Manitoba in Winnipeg and the Food Development Centre in Portage la Prairie.

Dairy products produced in the province, which were valued at over $300 million in 2001, included fluid milk (97.9 Ml), cream (3.3 Ml), butter, ice-cream, Cheddar cheese (7.5 kt), variety cheeses (7.0 kt) and frozen yogurt. Milk production in 2001 decreased by 6.0 percent from the 2000 level, the production of Cheddar cheese fell by 24 percent, while variety cheese production increased by 40 percent.

Trade:

Milk and cream products, ice-cream, cheese, albumin, casein and whey were imported from countries such as the United States, New Zealand, Denmark, France and Italy in 2001, while Manitoba exported milk powder to South Korea and Cuba and ice-cream products to the U.S. Dairy products are used in further processed products, which are exported to other provinces or countries. About one fifth of the butter produced is exported in products such as cookies.

Potential:

Under the supply management system, the production of milk for domestic use and traditional export markets is controlled by quota allocations. Since August 1, 1995, there has been a system in place (Special Classes) whereby processors, who want to access export markets for various types of cheese and other dairy products, have been able to obtain permits to purchase milk at competitive prices to enable them to compete on world markets.

DAIRY SECTOR

	1998	1999[R]	2000[R]	2001[P]	2001 as a % of '00
NUMBER OF DAIRY FARMS- DEC 31:	748	683	638	625	98
Milk Shippers	722	673	631	618	97
Cream Shippers	26	10	7	7	100
DAIRY CATTLE ON FARMS ('000) – DEC 31:					
All Milk Cows	43.0	42.5	42.0	42.0	100
% of Canada	4.2	4.3	4.2	4.3	
Cows in supply management system	36.0	35.5	35.0	34.5	99
Dairy Replacement Heifers > 1 year	22.5	22.2	21.9	21.6	99
PRICE OF MILK (Class 1 $/hl):	64.26	62.25	61.77	64.62	105
FARM SALES - MILK/CREAM (000 kl):	285.8	288.5	294.7	289.5	98
Fluid Use	105.9	109.9	112.4	112.1	100
Industrial Use:	179.9	178.5	182.3	177.5	97
Milk	179.2	178.1	181.8	177.0	97
Cream	0.7	0.4	0.5	0.5	100
FARM CASH RECEIPTS ($ million):	149.9	155.4	156.2	159.3	102
Fluid Use	62.0	58.9	60.5	62.8	104
Industrial Use:	83.9	93.4	93.5	95.2	102
Milk	83.8	93.3	93.4	95.1	102
Cream	0.1	0.08	0.09	0.09	100
Supplementary Payments	4.0	3.1	2.2	1.3	59
DAIRY PRODUCT PROCESSING:					
Fluid Milk Plants (No.)	3	3	3	3	100
Industrial Milk Plants (No.)	11	14	14	13	93
Milk Transporters (No.)	16	16	14	14	100
Industry Employees:					
Plant Processing	482	490	470	470	100
Bulk Milk Haulers	75	72	67	67	100
Product Distribution	400	400	400	400	100
PROCESSED DAIRY PRODUCTS:					
Fluid Milk ('000 kl)	96.0	97.9	104.2	97.9	94
Cream ('000 kl)	3.0	3.8	4.2	3.3	79
Ice-Cream ('000 kl)	N/A	N/A	N/A	N/A	N/A
Butter ('000 tonnes)	N/A	N/A	N/A	N/A	N/A
Cheddar Cheese ('000 tonnes)	7.9	7.1	9.9	7.5	76
Other Cheese ('000 tonnes)	5.4	6.2	5.0	7.0	140
EXPORTS OF DAIRY PROD. - tonnes	940.0	1,078.8	158.1	336.3	213
- $ million	2.2	2.5	0.7	1.1	155
IMPORTS OF DAIRY PROD. - tonnes	3,488.8	5,559.2	7,597.0	7,787.5	103
- $ million	4.7	7.1	8.4	11.0	131

DAIRY INDUSTRY CHART, 2001

ANNUAL OPERATING/ CAPITAL COSTS:
($ million)

TOTAL:	**166**
FEED:	60
OTHER OP:	46
FIXED:	24
LABOUR:	36

PRODUCERS	**NUMBER**
MILK SHIPPERS	618
CREAM SHIPPERS	7
FULL-TIME EMPLOYEES	1,300

INVENTORY CHANGE IN 2001: -800 HEAD

IMPORTS OF BREEDING STOCK: 34 HEAD

DAIRY CATTLE ON DEC 31/01:

TOTAL MILK COWS	42,000 HEAD
COWS (Supl. Mge)	34,500 HEAD
HEIFERS >1YR	21,600 HEAD

EXPORTS OF BREEDING STOCK N/A

PRODUCTION:	**MILLION LITRES**	**MILLION $**
MILK FOR FLUID PURPOSES	112.1	62.8
INDUSTRIAL: MILK	177.0	95.1
CREAM	0.5	0.09
SUPPLEMENTARY PAYMENT		1.3
TOTAL	**289.5**	**159.3**

MANITOBA MILK PRICES REVIEW COMMISSION

CANADIAN MILK SUPPLY MANAGEMENT COMMITTEE

CANADIAN DAIRY COMMISSION

MANITOBA MILK PRODUCERS

14 MILK TRANSPORTERS
34 VEHICLES

INDUSTRY EMPLOYEES:

PROCESSING PLANTS	470
BULK MILK HAULERS	67
DISTRIBUTION	400

3 FLUID MILK PLANTS:

	'000 LITRES
FLUID MILK	97,900
CREAM	3,300

10 INDUSTRIAL PLANTS:

	000 KG
BUTTER	N/A
CHEDDAR CHEESE	7,500
VARIETY CHEESE	7,000
ICE-CREAM	N/A
SKIM MILK POWDER	N/A

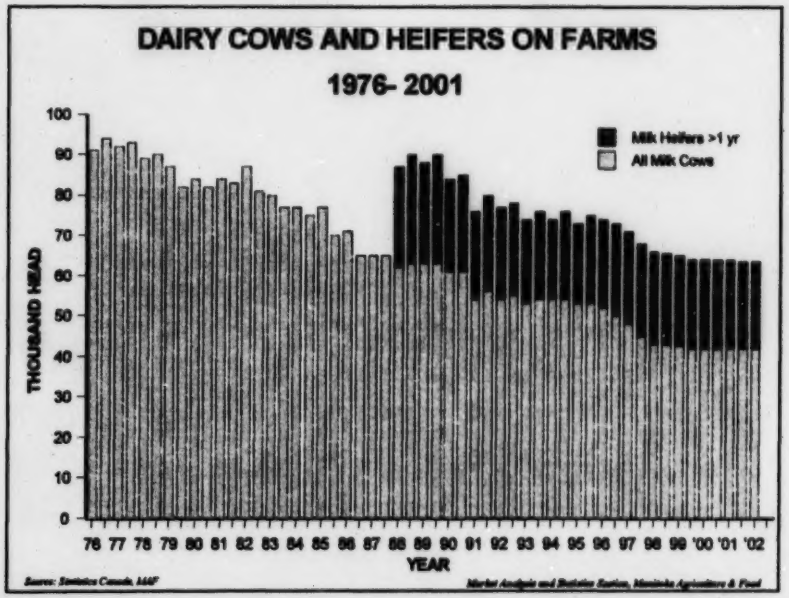
IMPORTS	**000 KG**
MILK AND CREAM	9.7
WHEY & OTHER PROD.	6,886.4
ICE-CREAM	30.2
CHEESE PRODUCTS	536.7
ALBUMIN/CASEIN	324.5

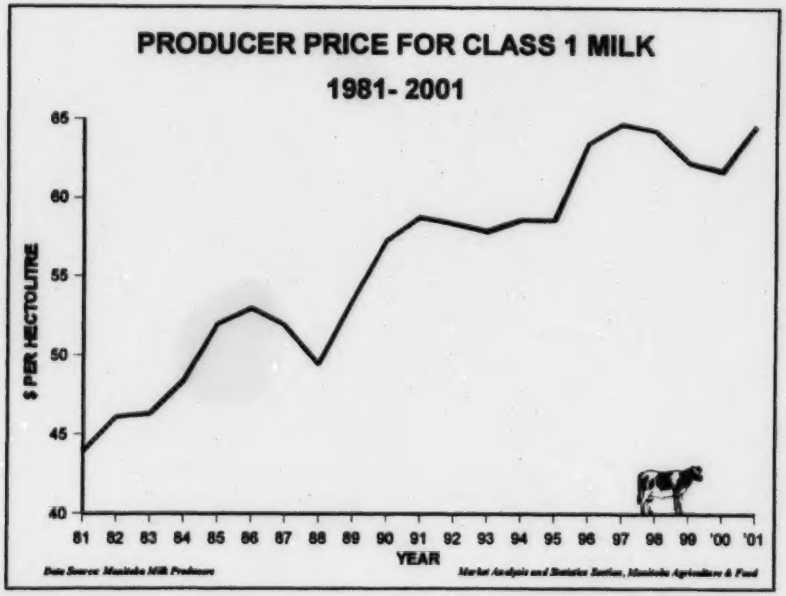
VALUE ($ MILLION) **11.0**

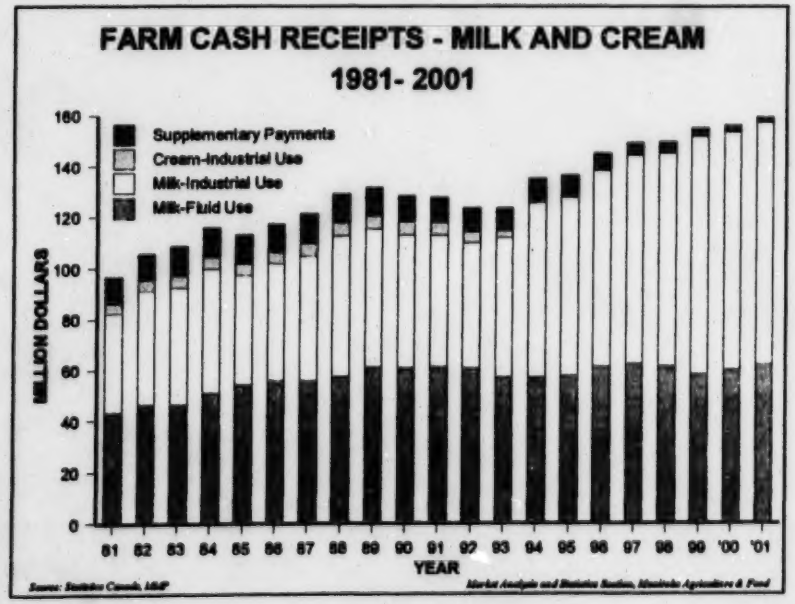
EXPORTS	**000 KG**
SKIM MILK POWDER	217.0
ICE-CREAM	119.3
WHEY PROTEIN CONC.	N/A

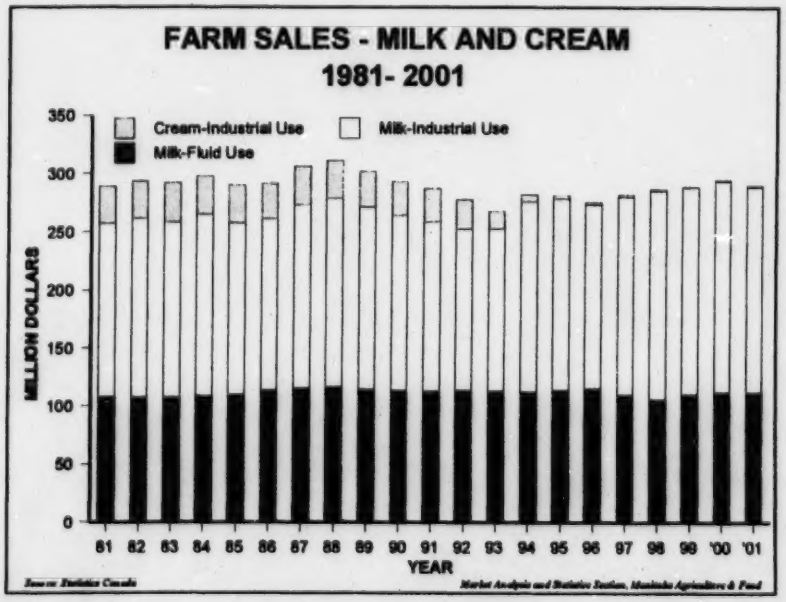
VALUE ($ MILLION) **1.1**

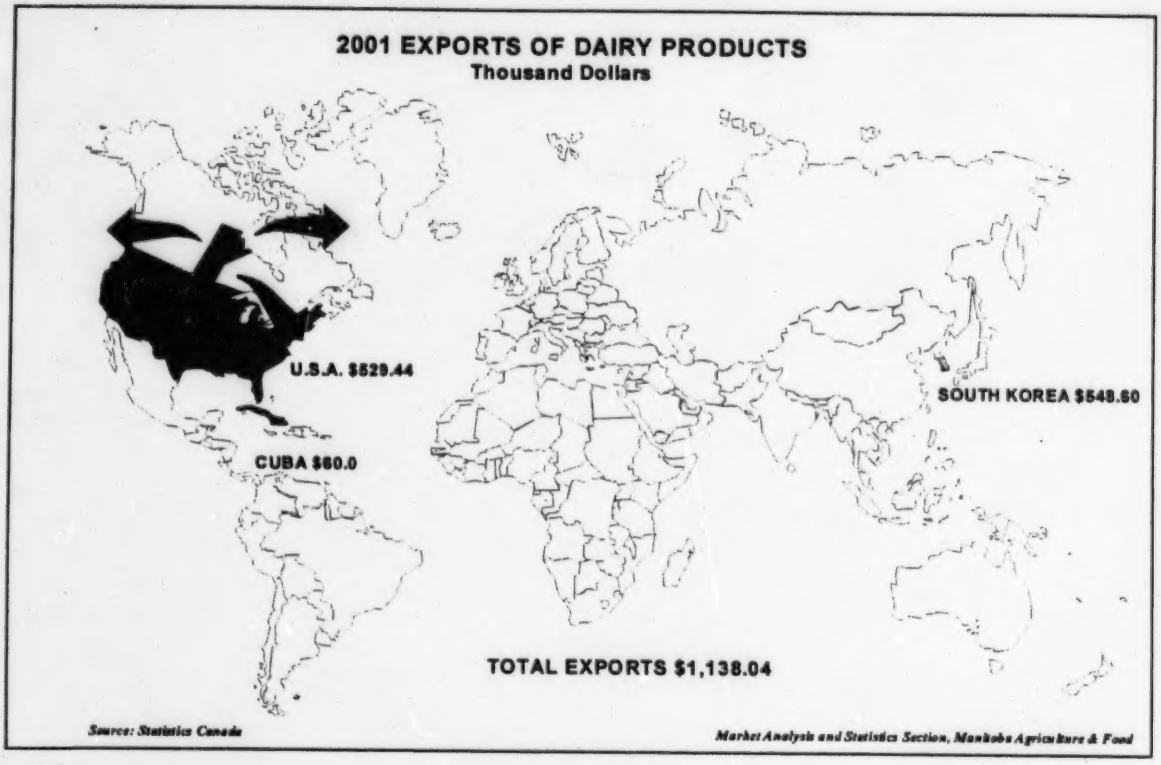
DATA SOURCE: Manitoba Milk Producers, Manitoba Agriculture and Food, Statistics Canada

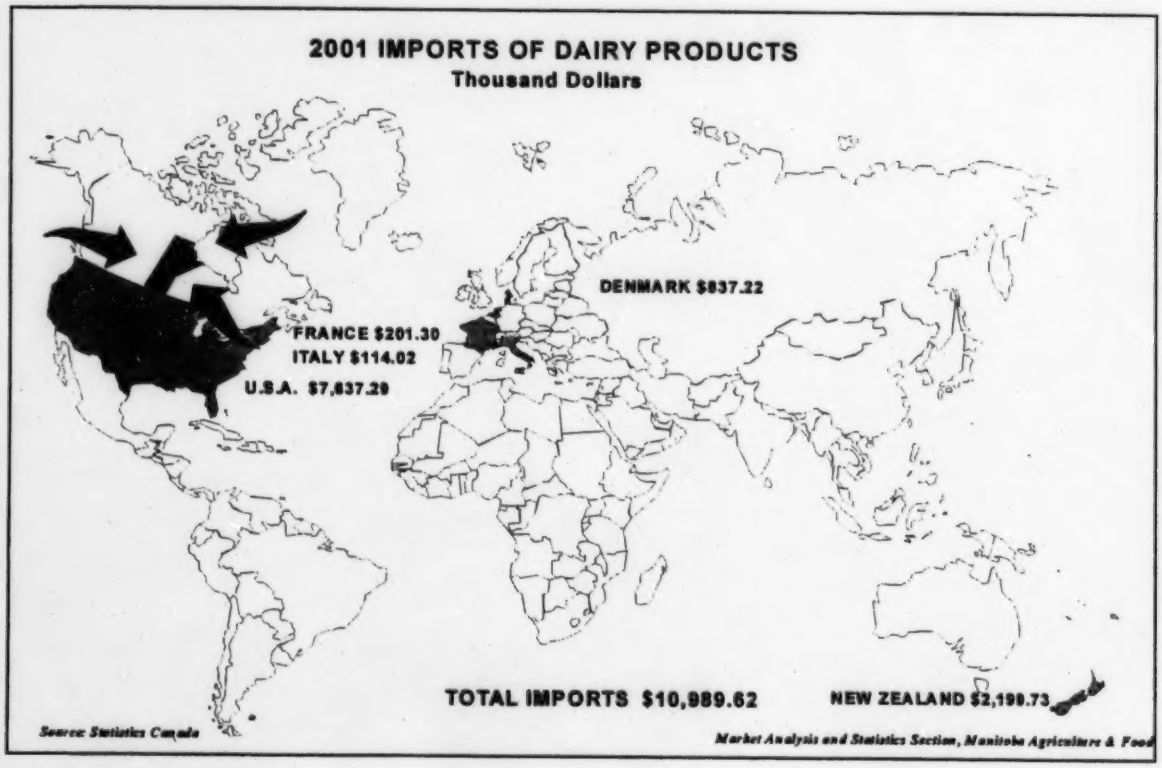

DAIRY COWS AND HEIFERS ON FARMS
1976- 2001
Milk Heifers >1 yr
All Milk Cows
THOUSAND HEAD
YEAR


PRODUCER PRICE FOR CLASS 1 MILK
1981- 2001
$ PER HECTOLITRE
YEAR


FARM CASH RECEIPTS - MILK AND CREAM
1981- 2001
Supplementary Payments
Cream-Industrial Use
Milk-Industrial Use
Milk-Fluid Use
MILLION DOLLARS
YEAR


FARM SALES - MILK AND CREAM
1981- 2001
Cream-Industrial Use
Milk-Industrial Use
Milk-Fluid Use
MILLION DOLLARS
YEAR


2001 EXPORTS OF DAIRY PRODUCTS
Thousand Dollars
U.S.A. $529.44
CUBA $60.0
SOUTH KOREA $548.60
TOTAL EXPORTS $1,138.04
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 IMPORTS OF DAIRY PRODUCTS
Thousand Dollars
DENMARK $837.22
FRANCE $201.30
ITALY $114.02
U.S.A. $7,837.29
TOTAL IMPORTS $10,989.62
NEW ZEALAND $2,199.73
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food

HORSE SECTOR

HORSE SECTOR PROFILE

Production:

Manitoba has a suitable resource base for horse production in terms of land, water, feed and labour. As a result, Manitoba's equine industry is the third largest in Canada with 3,730 farms and 62,800 horses in 2001, about 13.6 percent of the horses in Canada. Manitoba has Canada's largest herd of mares used for pregnant mares' urine (PMU) collection. For the 2001-2002 season, 248 PMU ranches had about 30,000 mares, of which 21,100 mares were in production, a decrease of four farms, but an increase of 2,830 production mares from the previous season.

There are also a large number of pleasure horse owners in Manitoba, who had about 12,000 horses in 2001, as well as a much smaller number of racehorse owners, who had approximately 800 horses, including 360 thoroughbreds and 120 harness racing horses in competition during the year.

Horse Sales:

The Brandon location of Ayerst Organics Ltd., the sole purchaser and processor of pregnant mares' urine in North America, has allowed Manitoba to develop a viable equine industry over the past thirty-five years. Foals are produced as part of the PMU operation and these are kept as replacement mares or sold for breeding stock, for the pleasure industry, for rodeo events or as ranch stock. About 30-40 percent of the foals are sold to finishing enterprises, fewer than half of these being marketed by public auction. Some colts fed in Manitoba feedlots are sold to Bouvry Exports Ltd. of Fort McLeod, Alberta, the rest going to plants in the United States or to Superior Exports of Owen Sound, Ontario. Very little horse meat is consumed in Canada. Most of the horsemeat is produced in Alberta for export to the EU, Japan, Mexico and the United States. Total Canadian horsemeat exports were valued at $83.8 million in 2001. Only 9 horses were processed in Manitoba provincially-inspected plants in 2001. Horse sales were estimated at $15 million in 2001.

PMU Sales:

The Manitoba PMU industry contributes about $40-50 million in farm cash receipts each year. For calendar year 2001, the farm value of pregnant mares' urine totalled about $47 million or over one percent of total value of agricultural production in the province. The urine is used for Premarin production.

Trade:

Manitoba exported 4,411 horses to the United States and other locations in 2001, of which 33 were pure-bred stock. This was a 36 percent increase from the 2000 level. There were 233 horses, valued at $1.16 million imported from the United States, Iceland and Germany in 2001 as well as pregnant mares' urine (PMU), valued at $5.74 million, imported from the U.S.

HORSE SECTOR

	1998[R]	1999[R]	2000[R]	2001[P]	'01 as a % of '00
NO. OF HORSE FARMS:	4,130	4,120	4,000	3,730	93
P.M.U. Farms - beginning of year	265	259	254	252	99
- end of year	259	254	252	248	98
HORSES ON FARMS:					
All P.M.U. Mares	26,766	24,985	26,898	30,000	112
P.M.U. Production Mares - Jan 1	18,014	20,364	17,827	18,267	102
P.M.U. Production Mares - Dec 31	20,364	17,827	18,267	21,100	116
Total Horses - July 1	67,000	65,000	64,000	62,800	98
% of Canada				13.6	
HORSE SALES (est. no.):	17,000	19,000	16,000	15,000	94
VALUE OF SALES ($'000):					
P.M.U. Sales	37,590	40,750	43,910	47,230	108
Horse Sales	12,000	16,000	15,000	16,000	107
HORSE PRICES ($/cwt):					
Winnipeg and Roblin Auction Markets:					
Under 1,000 lb	45-75	70-100	59 - 80	50-65	90
1,000 lb and over	70-90	75-115	70-105	65-95	91
AVERAGE EXPORT PRICE ($/head):	745	841	940	1,068	114
For breeding	1,545	3,200	4,190	4,057	97
For slaughter/other	743	836	913	1,046	115
HORSE PROCESSING (head):					
Inspected Slaughter in Manitoba	9	5	12	9	75
EXPORTS OF HORSES:					
To U.S.A./Other: Total Number	7,952	7,253	3,244	4,411	136
Pure-bred	19	15	27	33	122
Slaughter	6,157	5,784	1,918	3,481	181
Other	1,776	1,454	1,299	897	69
Value ($'000)	5,924	6,101	3,049	4,712	155
To Eastern Canada: Total Number	4,106	2,721	2,937	1,384	47
Slaughter	392	753	2,233	321	14
Other	3,714	1,968	704	1,063	151
To Western Canada (est):	5,000	9,000	10,000	9,000	90
IMPORTS:					
Horses: Number	119	50	117	233	199
Value ($'000)	551	551	884	1,164	132
PMU from U.S.A.: Value ($million)	N/A	5.07	5.34	5.74	107

HORSE INDUSTRY CHART, 2001

EQUINE RANCH (PMU) ANNUAL OPERATING & CAPITAL COSTS:
($ million)

FEED	9.0
OTHER OP:	12.5
FIXED:	10.3
LABOUR:	4.2
TOTAL:	**36.0**

HORSE FARMS: 3,730
(EQUINE RANCH: 248)
INVENTORY :
TOTAL PMU MARES - JAN 1/ 01: 30,000
PMU MARES IN PRODUCTION - DEC 31/01: 21,100
ALL HORSES JULY1/ 01: 62,800

BREED. STOCK OUT:
USA/OTHER: 33 HEAD

IMPORTS:

USA:	150 HEAD
ICELAND:	83 HEAD
GERMANY:	N/A

PLEASURE AND RACE HORSE INDUSTRIES

VALUE OF PREGNANT MARE'S URINE FOR PREMARIN PROD:
$47.2 MILLION

EQUINE RANCH HORSE SALES:
15,000 HEAD

EXPORTS OF FINISHED HORSES:

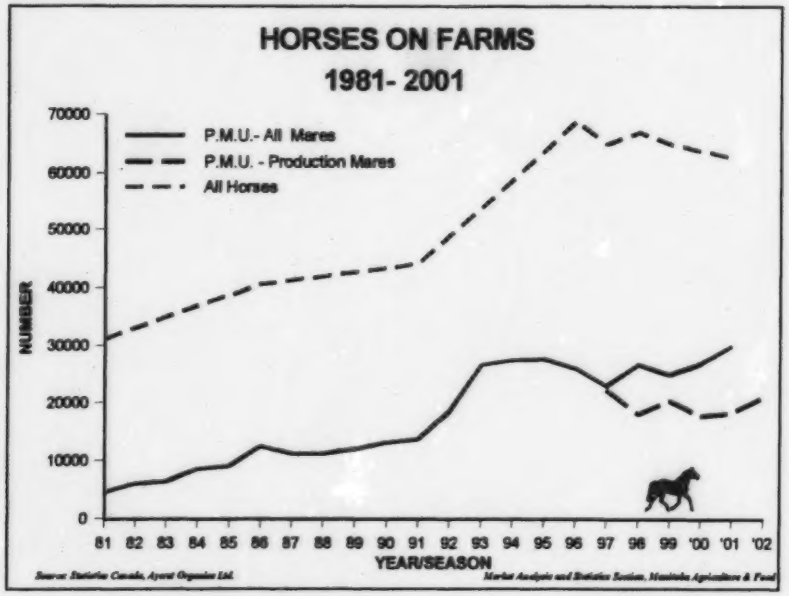
USA:	3,480 HEAD
ALBERTA[E]:	6,000 HEAD
ONTARIO:	320 HEAD

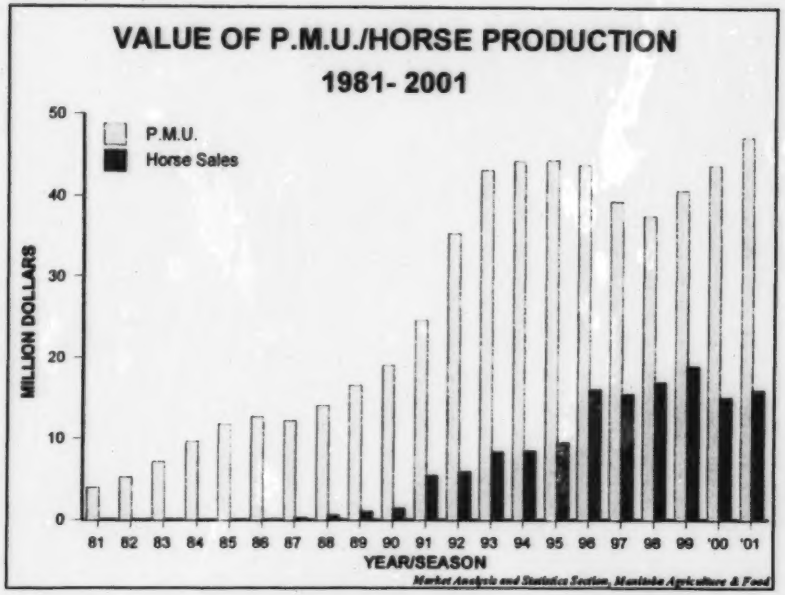
PROCESSED IN MANITOBA:
9 HEAD

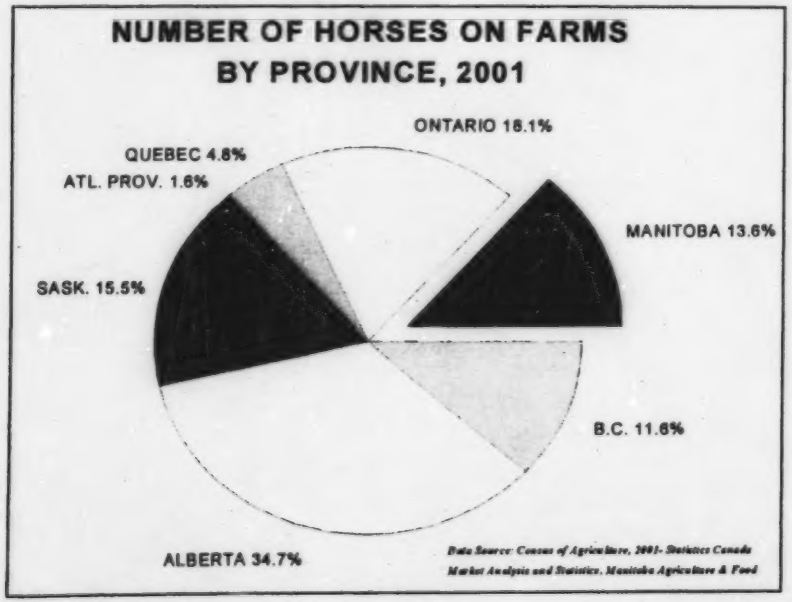
EXPORTS OF OTHER HORSES:

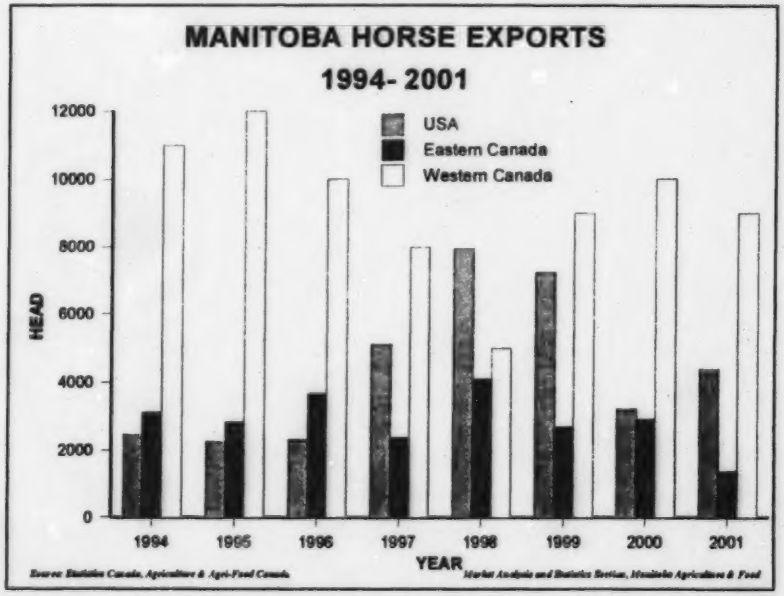
USA/OTHER:	900 HEAD
ONTARIO:	1,060 HEAD
WESTERN CANADA:	3,000 HEAD

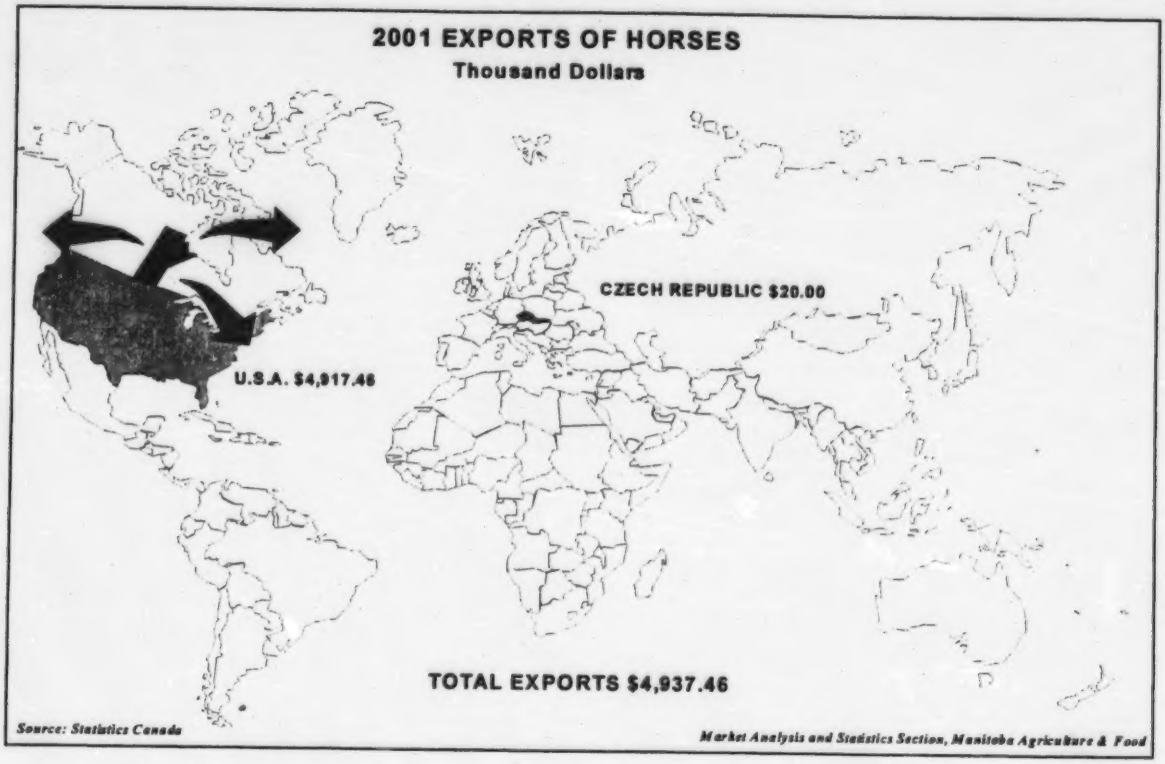
DATA SOURCE: Manitoba Agriculture and Food, Statistics Canada, Agriculture & Agri-Food Canada, Ayerst Organics Ltd.
[E] Estimated

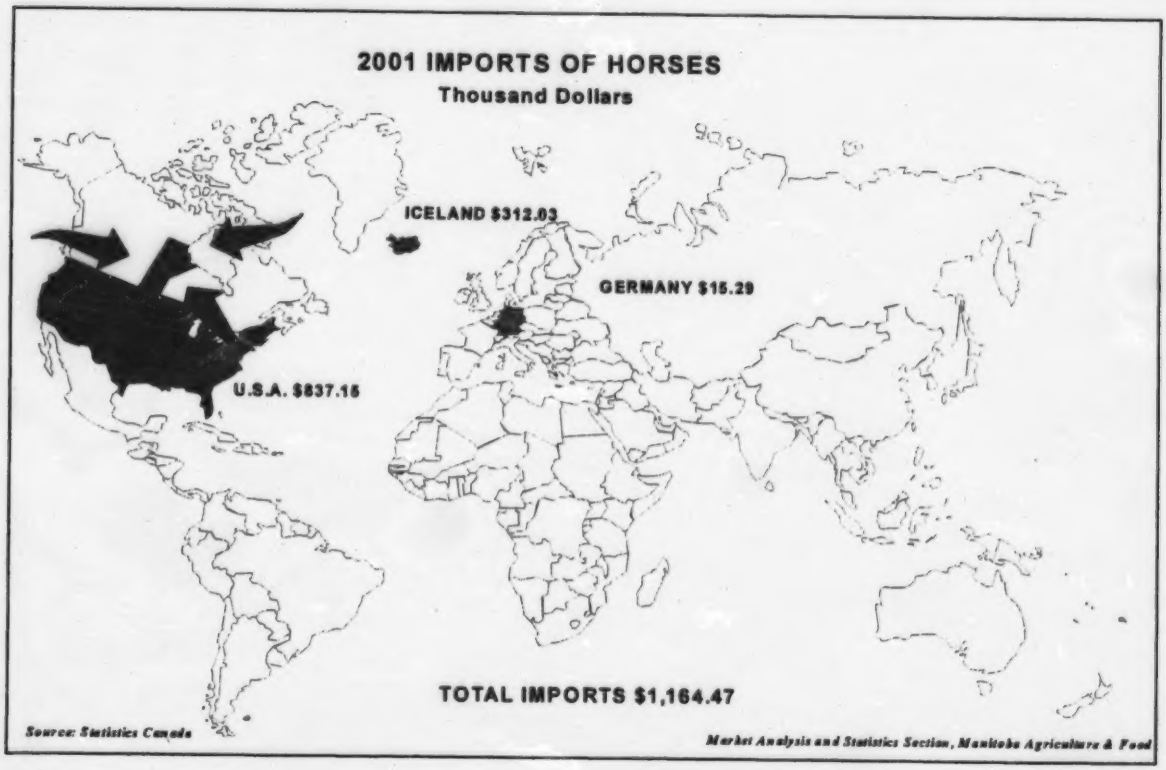

HORSES ON FARMS
1981- 2001
P.M.U.- All Mares
P.M.U. - Production Mares
All Horses
NUMBER
70000
60000
50000
40000
30000
20000
10000
0
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 '00 '01 '02
YEAR/SEASON


VALUE OF P.M.U./HORSE PRODUCTION
1981- 2001
P.M.U.
Horse Sales
MILLION DOLLARS
50
40
30
20
10
0
81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 '00 '01
YEAR/SEASON

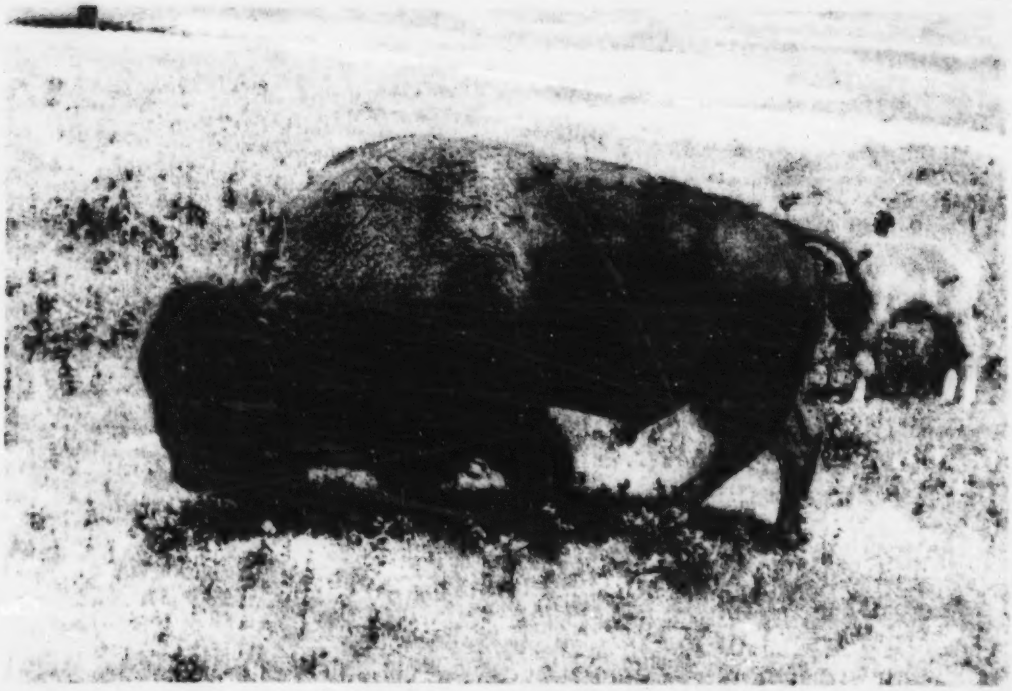

NUMBER OF HORSES ON FARMS
BY PROVINCE, 2001
ONTARIO 18.1%
QUEBEC 4.8%
ATL. PROV. 1.6%
MANITOBA 13.6%
SASK. 15.5%
B.C. 11.6%
ALBERTA 34.7%
Data Source: Census of Agriculture, 2001- Statistics Canada
Market Analysis and Statistics, Manitoba Agriculture & Food


MANITOBA HORSE EXPORTS
1994- 2001
USA
Eastern Canada
Western Canada
HEAD
12000
10000
8000
6000
4000
2000
0
1994 1995 1996 1997 1998 1999 2000 2001
YEAR


2001 EXPORTS OF HORSES
Thousand Dollars
CZECH REPUBLIC $20.00
U.S.A. $4,917.46
TOTAL EXPORTS $4,937.46
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 IMPORTS OF HORSES
Thousand Dollars
ICELAND $312.03
GERMANY $15.29
U.S.A. $837.15
TOTAL IMPORTS $1,164.47
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food

BISON SECTOR



BISON SECTOR PROFILE

Production:

Bison are indigenous to the Prairies and adapt well to most geographic areas of Manitoba. Although not as large as the cattle and hog industries, Manitoba's bison industry is the third largest in Canada, producing about ten percent of national bison production annually and approximately three percent of total North American production in 2001. The number of bison in Manitoba increased by an average of 19 percent annually over the four years, 1997-2000, but declined in 2001 mainly due to weaker North American bison meat markets.

In 2001, Manitoba's 180 operators had a breeding herd of about 8,900 head, which produced an estimated 7,000 calves. There were 2,500 feeder bulls being finished on a grain/roughage ration in 2001, a few of which were originally brought in from Western Canada. The total number of bison on Manitoba farms in 2001 was about 13,400 head, a decrease of 4 percent from the 2000 level.

Due to reduced sales and lower prices, the value of bison produced in 2001 was reduced to $6 million, 0.2 percent of the total value of agricultural production in the province.

Marketings and Exports:

In 2001, only about 100 bison were brought into Manitoba from the United States, Saskatchewan and Alberta. Some of these animals were feeder bulls, the remainder being calves. There were about 1,630 feeder bulls finished in the province in 2001, most of which were exported for slaughter at the North American Bison Co-operative (NABC) plant, North Dakota, for prices averaging US$2.23/lb (carcass weight). Sales of stock to Alberta and Saskatchewan doubled to about 1,000 head in 2001.

Bison Slaughter:

As the NABC was having difficulty marketing meat in 2001, there were 190 bison slaughtered in 14 Manitoba provincially-inspected plants, more than double the 2000 level. About 350 bison were custom-killed on farms. Much of the bison meat sold in Manitoba is to restaurants. Inspected meat, including Buffalo Nickel™ brand bison meat products, can also be obtained from various bison ranches across the province, such as Buffalo Mountain Ranch, Miami; Little River Ranch, Kleefeld; Silver Creek Bison Ranch, Binscarth: Sunray Bison, Clanwilliam; Wilson River Bison, Gilbert Plains and Vestford Ranches, Teulon. Most of these ranches also sell bison breeding stock, hides/robes and bison leather products.

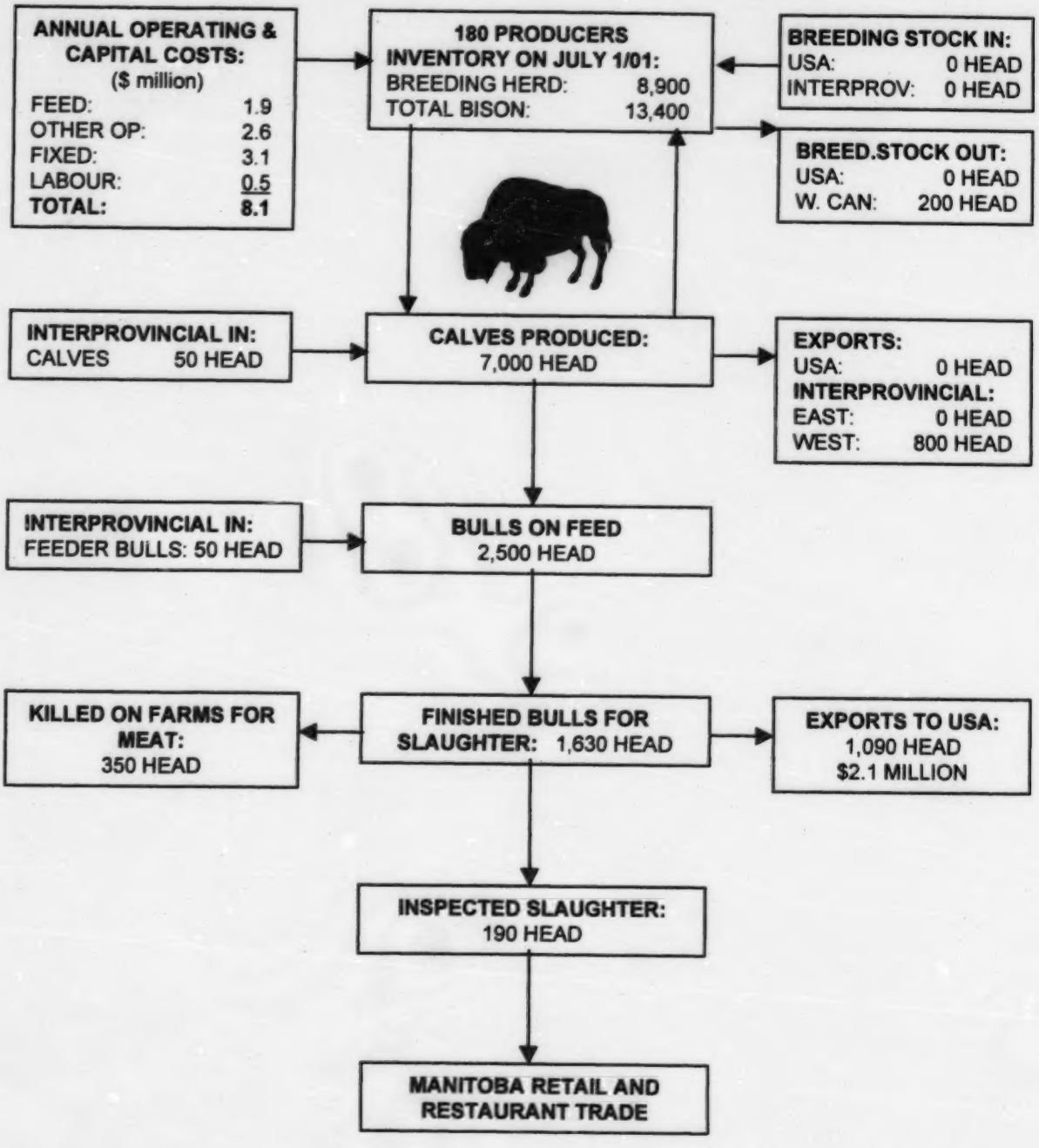
Potential:

Manitoba has the potential to increase bison production and processing to supply international and domestic markets.

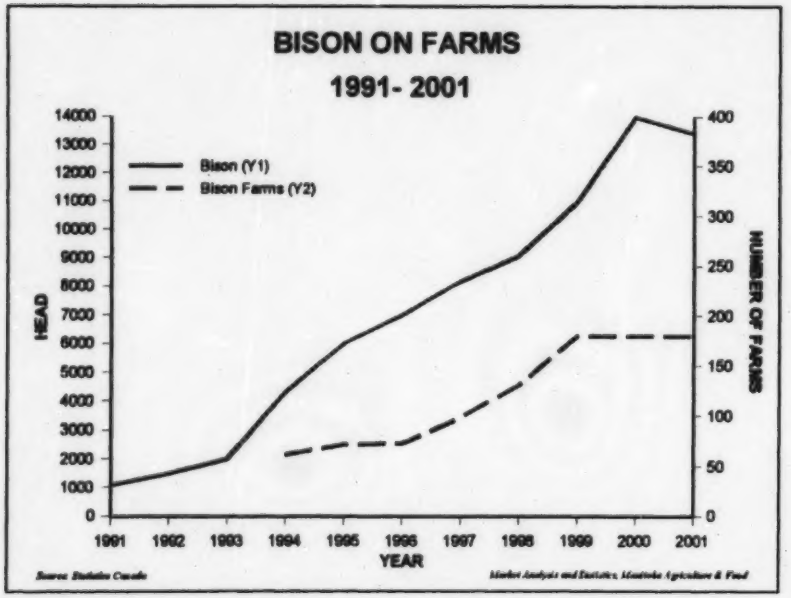
BISON SECTOR

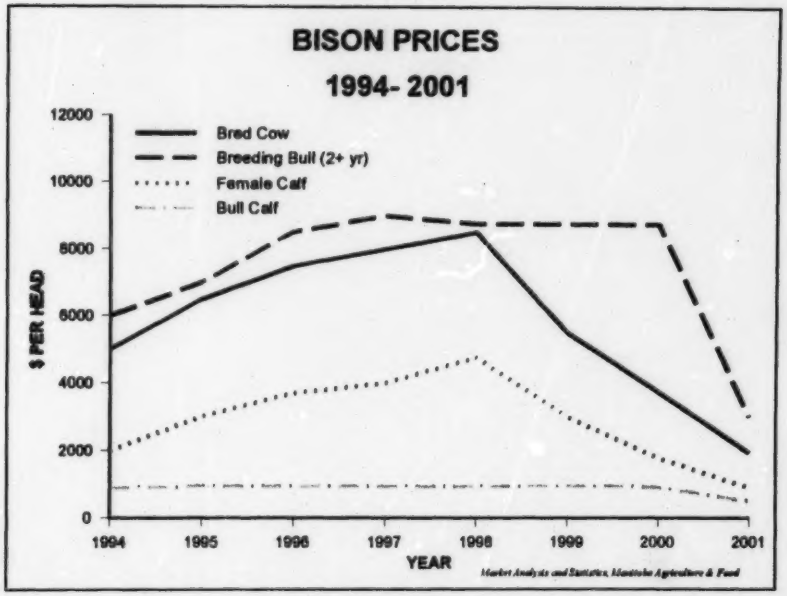
	1998	1999[R]	2000[R]	2001[P]	'01 as a % of '00
NO. OF BISON FARMS:	130	180	180	180	100
BISON ON FARMS JULY 1 (No.):					
Breeding Herd & Replacements	5,100	6,000	7,900	8,900	113
Bison On Feed	1,400	2,000	2,500	2,500	100
Other	2,600	3,000	3,600	2,000	56
Total Bison	9,100	11,000	14,000	13,400	96
% of Canada	-	12.5	11.0	9.3	
CALF PRODUCTION (No.):	4,000	4,700	6,300	7,000	111
VALUE OF BISON PRODUCT'N ($'000):	9,300	12,000	14,000	6,000	43
EST. BISON PRICES ($/head):					
Bred Cow	8,500	5,500	3,750	1,950	52
Breeding Bull (2+ yr)	8,750	8,750	8,750	3,000	34
Female Calf	4,750	3,000	1,800	900	50
Bull Calf	950	975	912	500	55
Slaughter Bull (US$/lb carcass)	2.23	2.23	2.23	2.23	100
BISON SLAUGHTER (head):					
Inspected Slaughter in Manitoba	29	55	79	190	241
% of Canada			N/A	N/A	
Killed on farms for meat (est.)			200	350	175
EXPORTS OF BISON (head):					
To United States - breeding	132	160	100	0	0
- slaughter number	1,339	1,605	1,246	1,088	87
- slaughter value ($'000)	2,137.7	3,312.7	2,645.2	2,065.8	78
To Eastern Canada	2	0	0	0	
To Western Canada	300	300	500	1,000	200
IMPORTS OF BISON (head):					
From United States	250	125	50	0	0
From Western Canada	200	300	250	100	40
From Eastern Canada	50	76	10	0	0
NORTH AMERICAN PER CAPITA DISAPPEARANCE:					
Bison meat (carcass weight (kg))	0.01	0.01	0.01	0.01	100

BISON INDUSTRY CHART, 2001

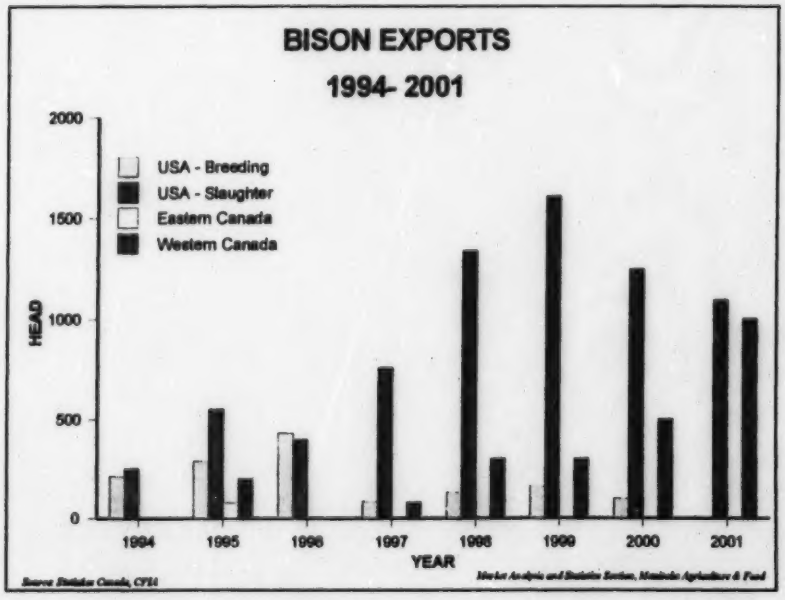


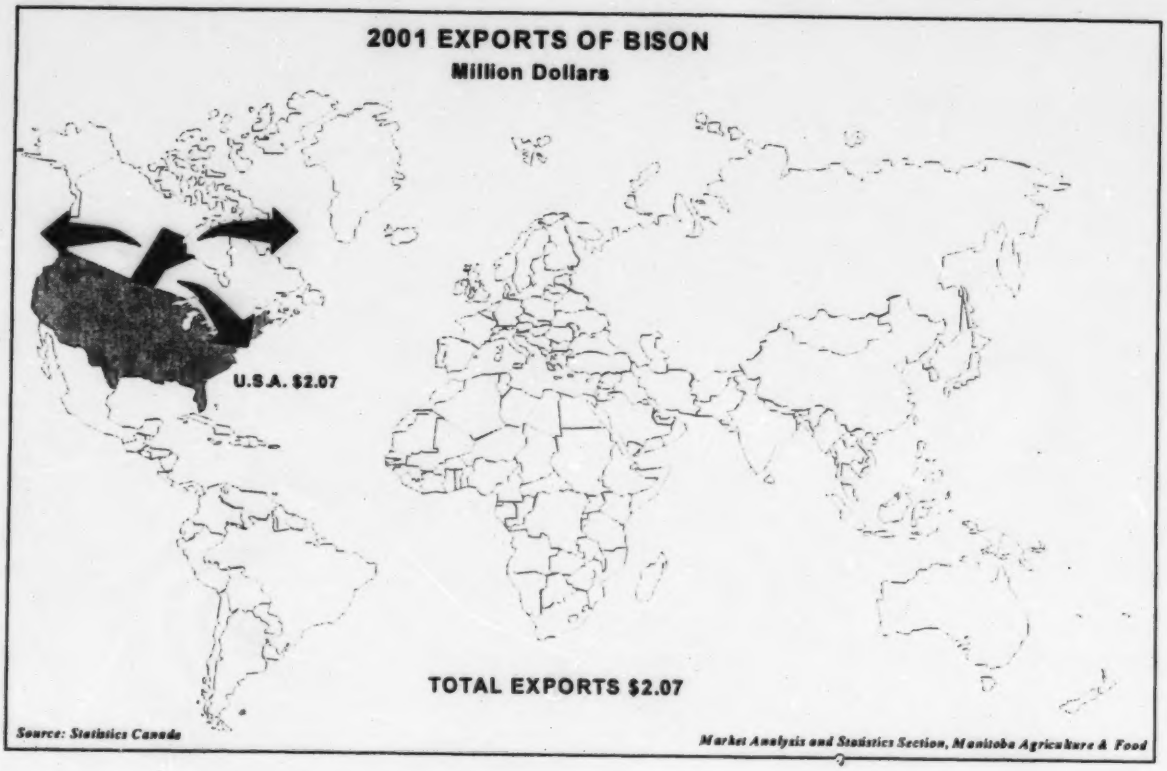
DATA SOURCE: Manitoba Agriculture & Food, Statistics Canada, Agriculture & Agri-Food Canada,

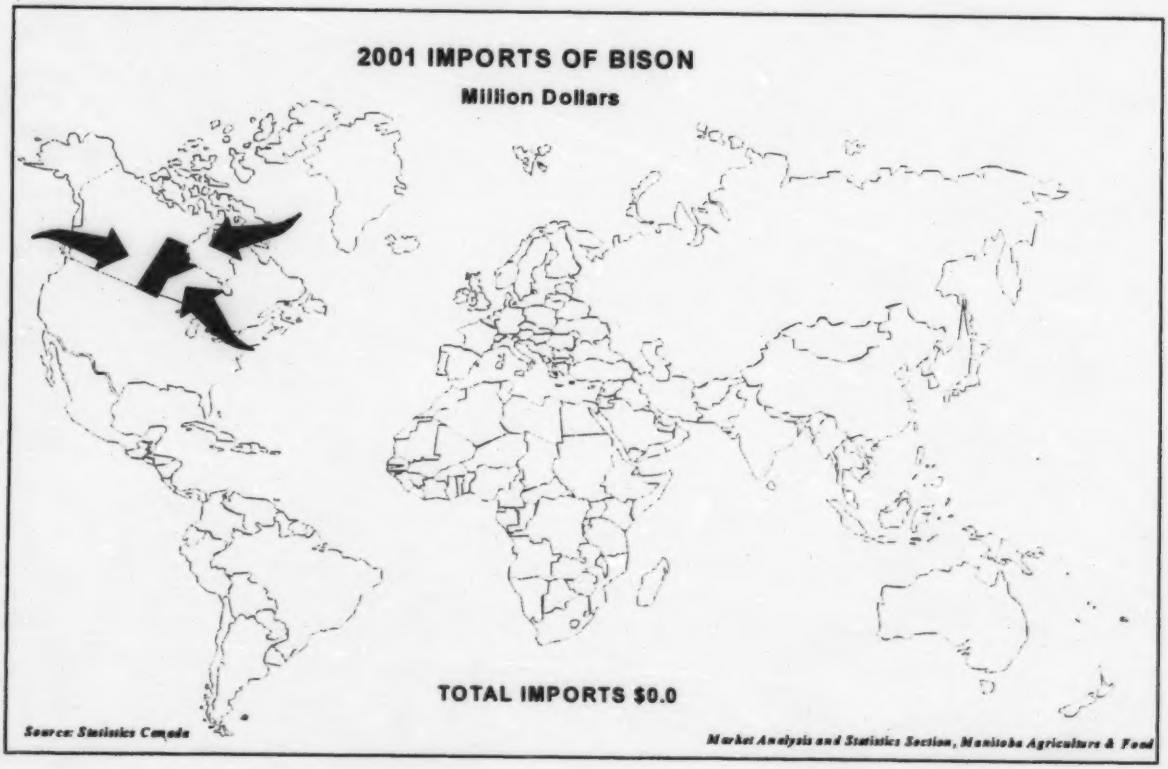

BISON ON FARMS
1991- 2001
Bison (Y1)
Bison Farms (Y2)
HEAD
NUMBER OF FARMS
YEAR
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001


BISON PRICES
1994- 2001
Bred Cow
Breeding Bull (2+ yr)
Female Calf
Bull Calf
$ PER HEAD
YEAR
1994 1995 1996 1997 1998 1999 2000 2001

FARM VALUE OF BISON PRODUCTION
1992- 2001
MILLION DOLLARS
YEAR
1992 1993 1994 1995 1996 1997 1998 1999 2000 2001


BISON EXPORTS
1994- 2001
USA - Breeding
USA - Slaughter
Eastern Canada
Western Canada
HEAD
YEAR
1994 1995 1996 1997 1998 1999 2000 2001


2001 EXPORTS OF BISON
Million Dollars
U.S.A. $2.07
TOTAL EXPORTS $2.07
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 IMPORTS OF BISON
Million Dollars
TOTAL IMPORTS $0.0
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food

GOAT SECTOR

GOAT SECTOR PROFILE

Production:

The Manitoba goat industry is comprised of two main sectors, meat and dairy, as well as smaller sectors, such as those for wool and pets. Manitoba dairy goats are derived from the European breeds, while meat goats are mostly the Boer goat breed. The main "wool" goat breed is the Angora goat, which produces mohair. There are few Angora goats in Manitoba.

Although much smaller than the cattle and hog industries, Manitoba's meat goat industry is the sixth largest in Canada, producing about seven percent of national goat production annually and over 0.3 percent of total North American meat goat production. Meat goat production in Manitoba increased fairly steadily from 1986 to 1996, and has expanded by 33 percent from approximately 7,000 head in 1996 to approximately 9,300 head in 2001, partly due to the current period of profitable prices. The number of meat goat producers in 2001 was 506, approximately one percent less than in 1996.

There was only one large commercial dairy goat producer in Manitoba with 300 goats in 2001, but there are also small numbers of dairy goats on other farms. Approximately 25 farms had 130-140 dairy goats, which produce milk for farm use. The total value of goat meat and dairy production was estimated at $1.3 million.

Marketings, Slaughter and Exports:

Meat goats are marketed through Manitoba auction markets or sold to brokers, who arrange for the goats to be slaughtered in Manitoba or exported. Goats are also custom-killed for the retail and restaurant markets, and killed on farms, mainly for/by the ethnic trade. Fifteen provincially-inspected plants in Manitoba killed 302 goats in 2001, an increase of 39 percent from 2000. It is estimated that 7,000 goats were slaughtered on farm for/by customers in 2001, more than in previous years. (*Please note*: goat prices reported in the following pages may appear low. They are calculated from price ranges reported at auction markets. Producers have reported receiving over $100/head for good slaughter goats.)

In 2001, an estimated 9,000 goats were shipped to Ontario and Quebec, primarily for slaughter with a few for breeding. This compares with 4,000 exported to eastern Canada in 2000. Of the 53 goats exported in 2001, goats shipped to the United States were valued at about $35,640 and shipments to Trinidad and Tobago were valued at $26,000.

An estimated 210,000 litres of goat milk was pasteurized and sold as fluid milk to retail outlets in the Prairie provinces and Northern Ontario or processed into feta and other cheeses.

Potential:

The Manitoba Goat Association and partner organizations received funding to stimulate growth of the industry in Manitoba. The Manitoba Goat Industry Initiative continues to support the development of new educational, financial and demonstration resources. Through the initiative, goat production was promoted as a value-added marketing option for forages. Goats are efficient converters of forage to meat and they can be used in complimentary grazing practices because of their slightly different grazing preferences. Goats will eat weeds such as leafy spurge and shrubs. Expansion of the goat meat and dairy goat industries will continue to be promoted to new and existing producers. One operation is producing a specialized pet food using goat meat. Demand for both dairy and meat goat breeding stock remains strong in domestic markets and international markets such as the United States. Export markets for meat and hides, particularly in Mexico and Europe, also have potential.

GOAT SECTOR

	1998[R]	1999[R]	2000[R]	2001[P]	'01 as a % of '00
NO. OF GOAT FARMS:	500	500	500	507	101
% of Canada				6.6	
Meat Goats	498	499	499	506	77
Commercial Milk Goats	2	1	1	1	100
GOATS ON FARMS JULY 1:					
Commercial Milk Goats	550	410	466	300	64
Total Goats	10,000	11,000	12,000	12,640	105
% of Canada			N/A	6.9	
MEAT GOAT MARKETINGS:	6,600	8,000	9,000	9,300	103
VALUE OF GOAT PROD. ($million):	1.1	1.3	1.2	1.3	108
Meat Goats (est)	0.6	1.1	0.9	N/A	
Milk Goats (est)	0.5	0.2	0.3	N/A	
GOAT PRICES* - Manitoba ($/head):					
Kids	55	64	65	68	105
Nannys (Does)	74	73	79	82	104
Billys (Bucks)	106	109	112	119	106
*Prices are calculated from price ranges reported at auction markets					
GOAT SLAUGHTER (head):					
Inspected Slaughter in Manitoba	237	224	217	302	139
Custom Killed on Farms (est.)	3,500	4,000	6,000	7,000	125
EXPORTS OF GOATS:					
To Other countries: Number	18	120	442	53	12
Value($)	23,020	63,510	22,860	61,640	270
To Eastern Canada: Number	3,293	4,000	4,000	9,000	225
To Western Canada: Number	N/A	1,000	350	N/A	
IMPORTS:					
Goats from W.Canada/U.S. (est.)	N/A	N/A	N/A	7,000	

GOAT INDUSTRY CHART, 2001

ANNUAL OPERATING & CAPITAL COSTS:
($ million)

FEED:	0.22
OTHER OP:	0.32
FIXED:	0.13
LABOUR:	0.19
TOTAL:	**0.86**

MEAT GOAT FARMS: 507
MILK GOAT FARMS: 1
TOTAL GOATS ON FARMS
May 15, 2001: 12,637

BREEDING STOCK IN:
USA: 7 HEAD
INTERPROV: N/A

BREED. STOCK OUT:
USA/OTHER: 53 HD
INTERPROV: NA

MEAT GOAT IMPORTS:
USA: N/A
INTERPROV. IN: 7,000[E]

EST. PRODUCTION FROM DAIRY GOATS:
210,000 LITRES[E]

GOATS PRODUCED:
9,300 HEAD

MEAT GOAT EXPORTS:
USA: 0
INTERPROVINCIAL:
EAST: 9,000[E]

GOATS MARKETED:
16,300 HEAD

FARM GATE SALES:
7,000[E] HEAD

GOAT MEAT EXPORTS:
EUROPE $0
MEXICO $0

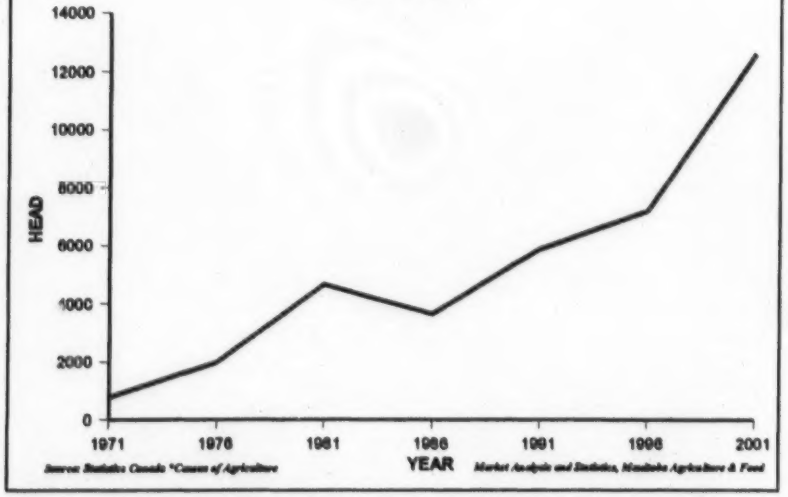
GOAT SLAUGHTER IN PROVINCIAL PLANTS:
302 HEAD

FREEZER TRADE:
100 HEAD

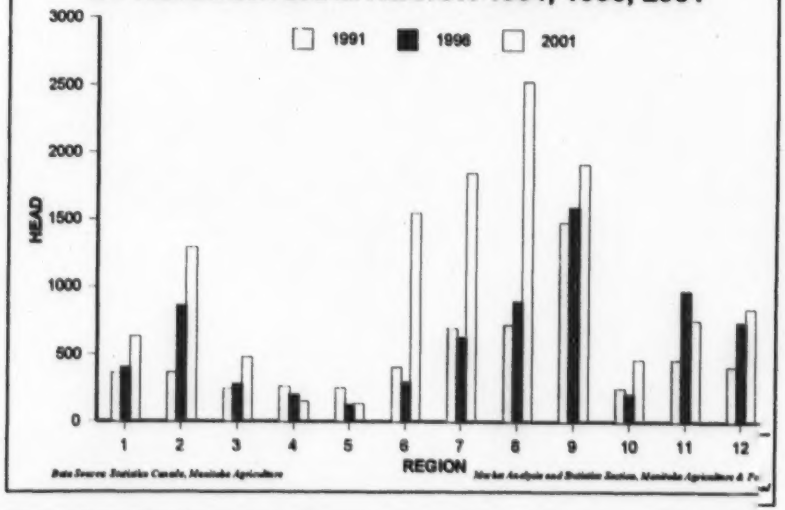
MANITOBA RETAIL AND RESTAURANT TRADE

DATA SOURCE: Manitoba Agriculture and Food, Statistics Canada, Agriculture & Agri-Food Canada, Manitoba Goat Association [E] Estimated

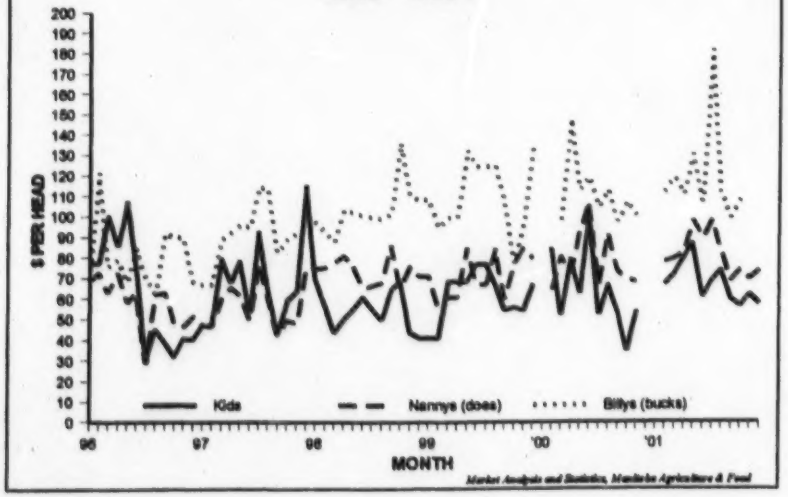
GOATS ON FARMS
1971-2001



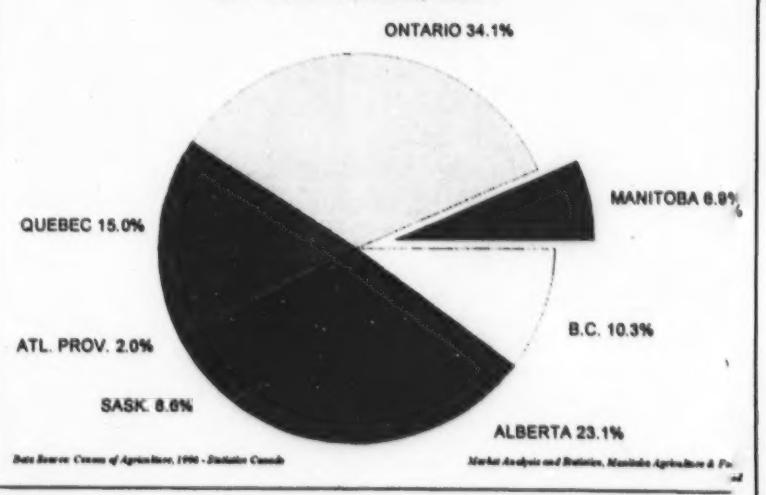
GOATS ON MANITOBA FARMS
BY AGRICULTURAL REGION 1991, 1996, 2001

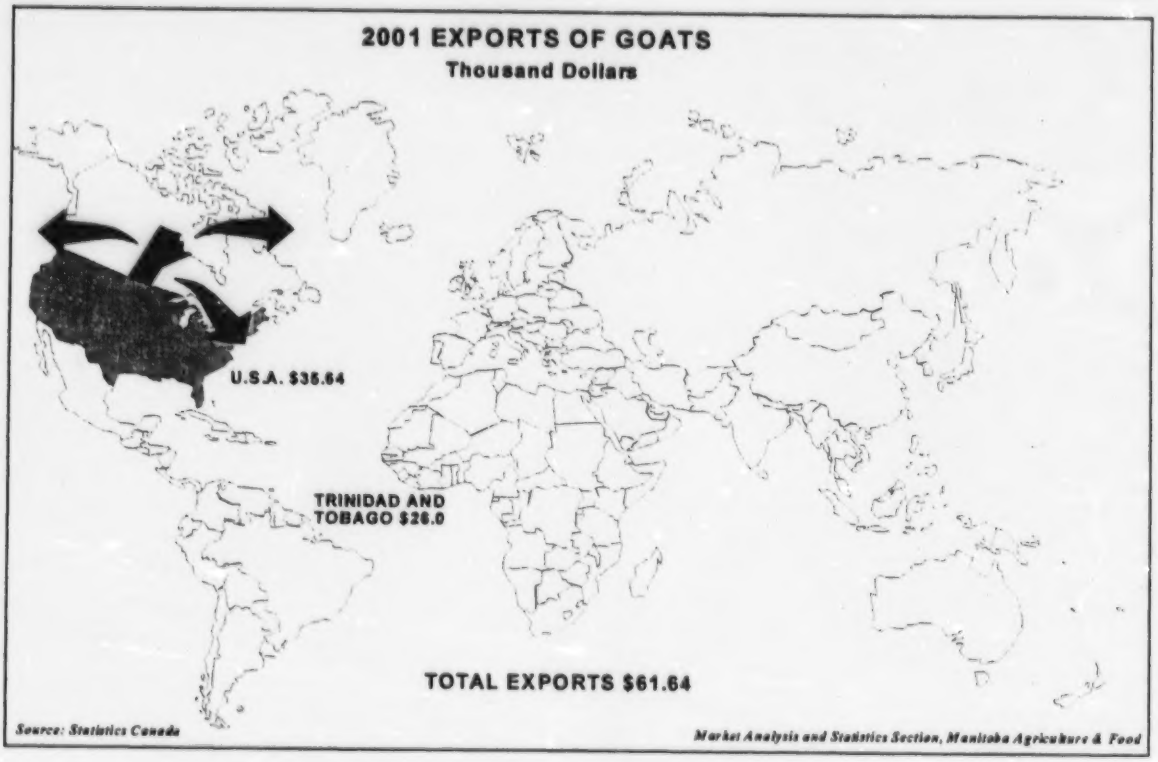


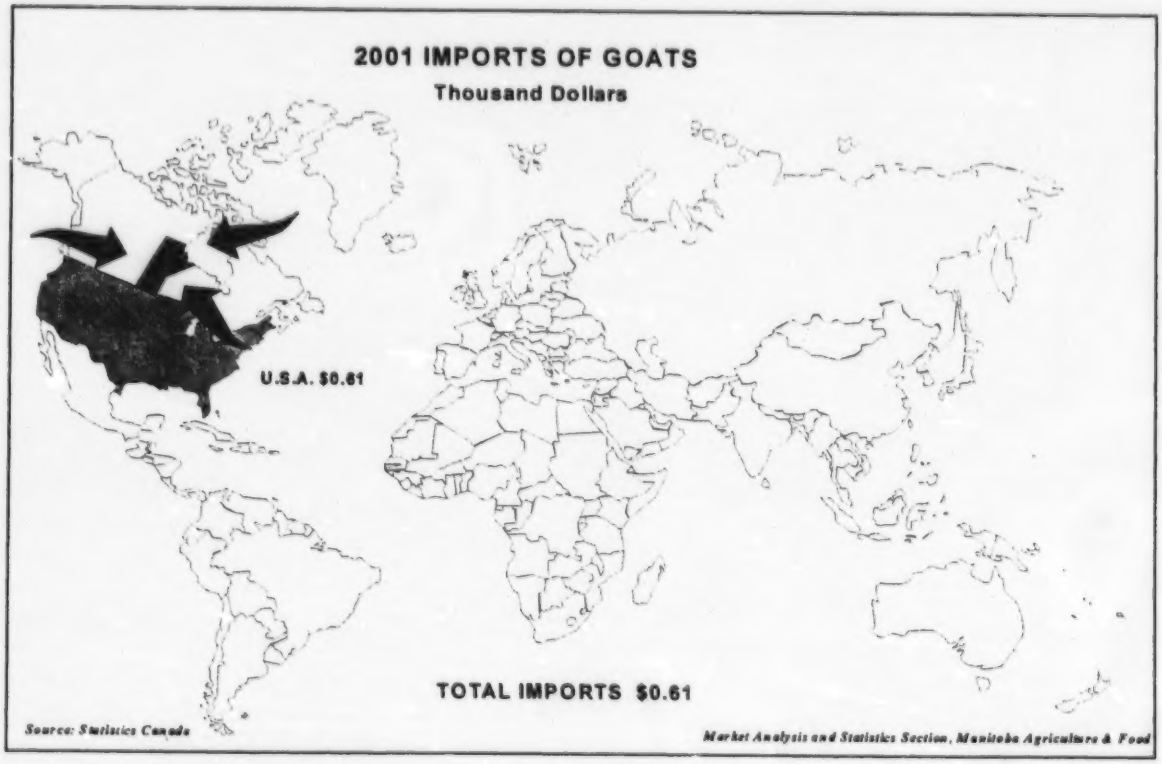
WINNIPEG GOAT PRICES BY MONTH
1996 - 2001



NUMBER OF GOATS ON FARMS
BY PROVINCE, 2001




2001 EXPORTS OF GOATS
Thousand Dollars
U.S.A. $35.64
TRINIDAD AND TOBAGO $26.0
TOTAL EXPORTS $61.64
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food


2001 IMPORTS OF GOATS
Thousand Dollars
U.S.A. $0.61
TOTAL IMPORTS $0.61
Source: Statistics Canada
Market Analysis and Statistics Section, Manitoba Agriculture & Food

CERVID SECTOR

CERVID (ELK AND OTHER DEER) SECTOR PROFILE

Production:

Velvet antler products for medicinal purposes have been imported by Asian countries from Russia since the 19th century and from New Zealand and North America since the 1970's. With the increasing demand for velvet antler and for lean, healthy red meats, elk and deer farming is becoming a popular alternative form of animal agriculture. About five million cervids (elk, red deer and other deer) are farmed around the world, most of which serve the dual purposes of meat (venison) and antler production. Commercial elk farming began in Canada in 1976, when the first permit was issued. Canada, with over 79,600 elk on 1,172 farms in 2001, has about 40 percent of the North American elk population and has become an important source of breeding stock and antler products. Manitoba began elk farming in 1993 with 90 animals. By 2001, there were 3,125 elk on 87 farms, a decrease of 2 percent from 2000. The province also had 800 fallow deer, 100 white-tailed deer and 60 other deer on 16 farms in 2001.

Historically, wild elk and other deer could be found throughout the agriculture areas of North America. By nature, cervids are easily domesticated and adaptable to a great variety of farmlands and management strategies. Elk are well suited to extensive livestock agriculture. Wild elk may be herded and captured easily, and once captured, quickly adapt to their new environment. Handling elk is more challenging than handling other types of livestock as the animals are relatively large, excitable and very athletic. Properly designed and built handling facilities are essential. Elk graze grasses, legumes and other herbaceous plants, and browse the twigs, leaves and bark of woody shrubs and trees. They may be farmed in bush pastures, on highly productive intensive grazing operations, on wide-open ranches or feedlots. In winter, supplemental feeding is required, such as hay, haylage or silage, which may also include minerals, vitamins, energy and protein. Elk calve in the spring, breed in the fall. Farmed elk breed very successfully, averaging over 90 percent calving rates, and calves grow very quickly.

Markets and Trade:

The use of antler products for nutriceutical and dietary supplements in Asia has occurred for over 2000 years. Venison is a traditional and highly desired food item in European markets, and elk (wapiti) meat is a scarce and superior type of venison. Elk trophies are one of the most sought after goals for hunters with demand exceeding the supply. In response to market demands, the elk breeding stock market has been very lucrative for the past twenty years. However, prices for elk velvet antler (EVA) have fluctuated recently due to changing markets.

The rise from $25/lb in 1998 to $45/lb in 2000 reflects increasing demand and ability to pay for product over that period of time. The 2001 Manitoba breakeven price is estimated to be $44/lb. Until a few years ago, most EVA was exported as fresh frozen product from North America to South Korea or Hong Kong. That has changed and, of the estimated 155,000 lb produced in Canada and the United States in 1999, at least 45 percent was consumed in North America. Consumers are increasingly from non-Asian backgrounds, and include athletes, arthritis sufferers, and owners of performance horses and other pets. In New Zealand, deer farmers tend to respond to lower antler velvet prices by slaughtering all their poorer quality males for venison. In North America the response to the last price drop was to develop new markets.

Farm cash receipts for the Canadian elk farming and velvet antler industry in 2000 were estimated at $50 million. The value of cervid production (elk and deer marketings, inventory change plus EVA sold) in Manitoba was about $0.9 million in 2001, 70% of the 2000 value.

Potential:

As the drop in EVA and meat prices have been offset by a significant fall in breeding stock prices, Manitoba cervid farming still has good potential. Opposition to the industry has been reduced by improved management and production techniques, markets that existed long before industry development have not been satisfied and promotion and marketing campaigns will ensure that market development continues.

CERVID (ELK AND OTHER DEER) SECTOR

	1998	1999[R]	2000[R]	2001[P]	'01 as a % of '00
NO. OF CERVID FARMS:	90	91	95	100	105
Elk	87	90	89	87	98
% of Canada	8.4	7.8	7.6	7.4	
Deer	18	17	17	16	94
% of Canada	2.5	2.2	2.2	2.0	
CERVIDS ON FARMS JANUARY 1:					
Elk	1,200	2,000	2,500	3,125	125
% of Canada	2.6	3.5	3.7	3.9	
Deer	730	800	780	962	128
% of Canada	1.8	1.5	1.4	1.8	
Fallow Deer	650	650	700	800	114
White-tailed Deer	50	60	50	100	200
Other Deer	30	90	30	60	200
VALUE OF PRODUCTION ($million):	3.5	2.6	1.3	0.9	69
Elk (est)	3.5	2.5	1.3	0.5	38
Deer (est)	0.0	0.1	0.0	0.4	
AVERAGE CANADIAN PRICES:					
Elk ($/head):					
Bred Cow	13,445	6,175	4,130	1,250	30
Bull	5,550	1,570	2,900	1,160	40
Heifer Calf	7,250	4,190	2,670	450	17
Bull Calf	3,345	1,930	1,780	357	20
White-tailed Deer ($/head):					
Bred Doe	12,000	5,600	3,325	2,885	87
Yearling Doe	9,000	6,325	4,395	2,756	63
Yearling Buck	2,250	3,420	2,150	1,175	55
Doe Fawn	5,400	3,205	1,910	1,322	69
Buck Fawn		1,670	1,420	900	63
Antler Velvet (frozen, FOB farm) ($/lb)	25	32	45	8-22	
INSP. MANITOBA SLAUGHTER (head):					
Elk	6	0	0	0	100
Deer	166	162	3	0	0
INDIVIDUAL ANTLERS HARVESTED:	569	593	702	N/A	
Velvet antler (green) produced (lb)	1,425	2,874	3,661	2,215*	127
EXPORTS OF CERVIDS:					
To Other Countries: Number	22	17	0	0	0

*not all reported

ELK AND OTHER DEER INDUSTRY CHART, 2001

ANNUAL OPERATING & CAPITAL COSTS:
($ million)

FEED	0.5
OTHER OP:	1.6
FIXED:	1.0
LABOUR:	0.3
TOTAL:	**3.4**

ELK FARMS: 87
TOTAL ELK ON FARMS: 3,125
OTHER DEER FARMS: 16
TOTAL DEER ON FARMS: 962

BREEDING STOCK IN:
USA: N/A
INTERPROV: N/A

ELK/DEER IMPORTS:
USA: N/A
INTERPROV. IN: N/A

INDIVIDUAL ANTLERS HARVESTED:
N/A

ELK/DEER EXPORTS:
USA: N/A
INTERPROVINCIAL:
EAST: N/A

ELK/DEER PRODUCTION:
$0.9 MILLION

EVA PRODUCTION:
2,215 LB*
(EXPORTED TO USA, SOUTH KOREA, CHINA)

VENISON EXPORTS:
EUROPE $0
USA $0

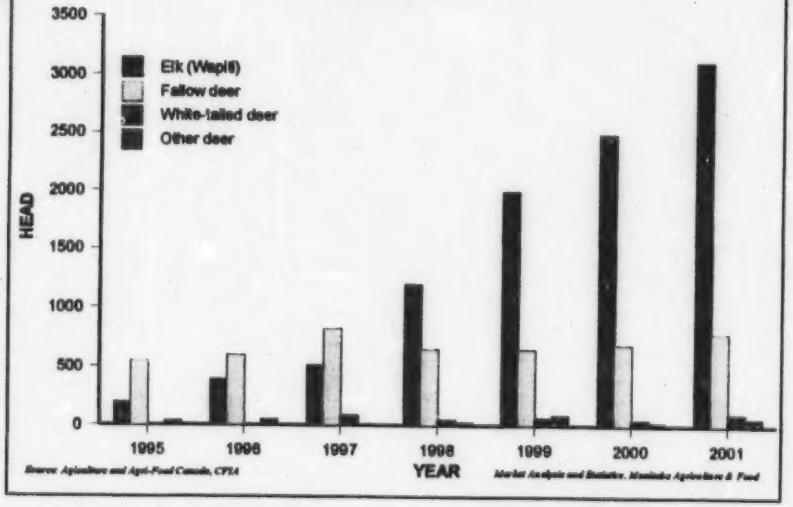
ELK/DEER SLAUGHTER IN PROVINCIAL PLANTS:
0 HEAD

FREEZER TRADE:
N/A

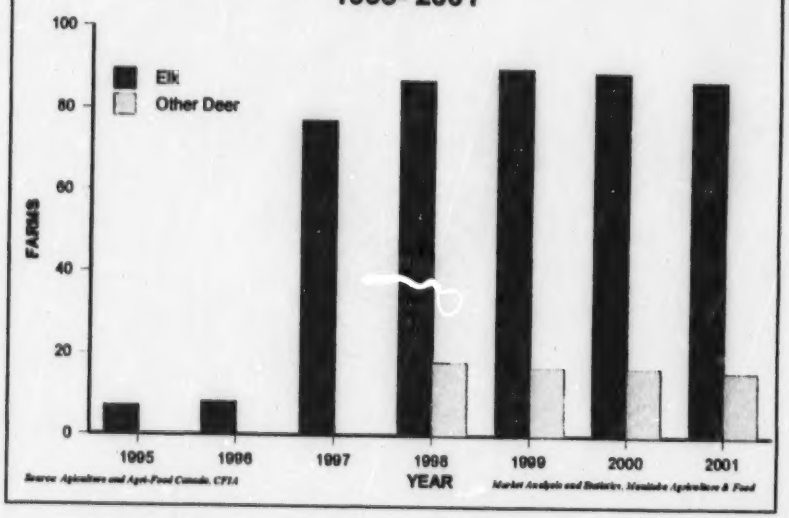
MANITOBA RETAIL AND RESTAURANT TRADE

DATA SOURCE: Manitoba Agriculture and Food, CFIA, Agriculture & Agri-Food Canada, Ian Thorleifson
***not all reported**

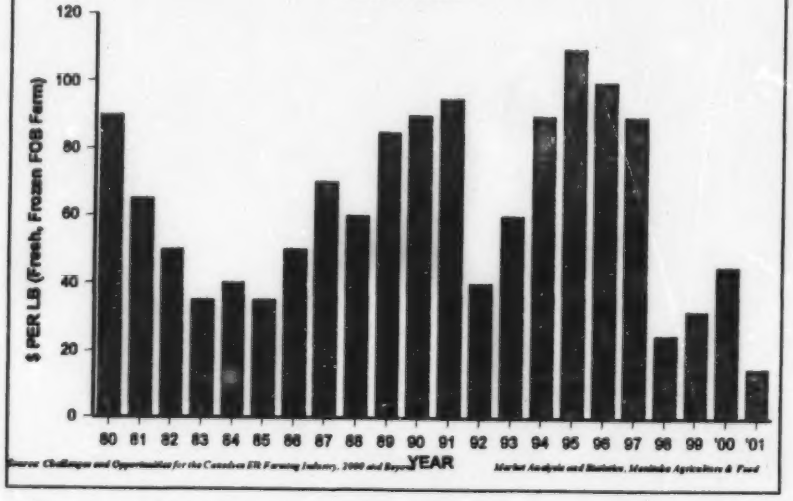
ELK AND OTHER DEER ON FARMS
1995- 2001



NUMBER OF DEER (CERVID) FARMS
1995- 2001



ELK AND RED DEER VELVET ANTLER PRICES
1980- 2001



NUMBER OF ELK AND OTHER DEER ON FARMS BY PROVINCE, 2001